
New GenomeCube® Clone Search Guide

- Jointly provided by DNAFORM and Source BioScience -

The Source BioScience GenomeCube® is the most comprehensive database on genomic resources covering more than 20 million clones. Chose between:

- ✓ Genomic clones
- ✓ cDNA clones
- ✓ ORF Shuttle clones
- ✓ ORF expression clones
- ✓ Synthetic genes and cDNAs
- ✓ RNAi clones
- ✓ Various antibody resources

Working together with Source BioScience, DNAFORM now offers a dedicated version of the GenomeCube® for customers in Japan. The new GenomeCube® is available in Japanese and English versions.

This guide provides you with an introduction on how to use the GenomeCube® online shop and database. The database can be freely searched for your information of interest, but for online ordering you have to create your own user account as outlined below.

Opening page and search options



日本語

Thank you for accessing the DNAFORM clone search page.

You can use our online databases to search and order your clones of interest.

You can search the databases (20 million clones) by:

- Keyword (clone or gene ID, accession number, gene accession number, gene entrez ID, or gene symbol)
- BLAST based sequence alignment
- Plate position (Only cDNA clone)

cDNA clone

[Search cDNA clone by clone or gene ID](#)
[Search cDNA clone by BLAST Search](#)
[Search cDNA clone by plate position](#)
[cDNA clone contents](#)

shRNA clone

[Search shRNA clone by clone or gene ID](#)
[Search shRNA clone sequence alignment](#)
[shRNA clone contents](#)

[User's Guide \(PDF file\)](#)

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 [NEW: GenomeCube® Clone Search Engine available!](#)


[GenomeCube search guide](#)
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[Home](#) | [cDNA library](#) | [DeepCAGE analysis service](#) | [Clone Distribution](#)

The DNAFORM opening page at <http://www.cloneresources.com/> gives you direct access to the GenomeCube®. Moreover, you have the option to do searches in the DNAFORM Clone Search Engine. To search the entire DNAFORM-Source BioScience portfolio, use the GenomeCube®. Click on the hyperlink for “NEW: GenomeCube®, the most powerful Clone Search Engine” to access the search options:

Start GenomeCube® search

[Register](#) | [Login](#)
Your Basket | 0 items | Total: ¥0

GenomeCube®  Powered by Source BioScience

Search Type: Gene (e.g. gene symbol: brd1, entrez gene:10, unigene: Hs.2) Accession (e.g. accession number: BC005916, RefSeq number: NM_002825) Clone Name (e.g. clone name: OCAAo5051B1010, IOH7539, IMAGE ID:300000) Free Text (e.g. breast cancer)

Species:

Search For:

Select your type of search and organism of interest. You can use gene identifiers, accession numbers, clone names, or free text searches. Then enter your search term and press “Search”. A table with the search results will be displayed below the search options. Under “Products” select your gene(s) of interest, and click on the hyperlink for more information on the gene related clones.

Register | Login
Your Basket | 0 items | Total: ¥0

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Gene (e.g. gene symbol: brd1, entrez gene:10, unigene: Hs.2)
 Accession (e.g. accession number: BC005916, RefSeq number: NM_002825)
 Clone Name (e.g. clone name: OCAAo5051B1010, IOH7539, IMAGE ID: 300000)
 Free Text (e.g. breast cancer)

Species:

Search For:

Genome Cube > TDG

Species	Cluster Id	Gene Symbol	Gene Description	Products
Homo sapiens	Hs.584809	TDG	Thymine-DNA glycosylase	Select
Mus musculus	Mm.347607	Tdg	Thymine DNA glycosylase	Select
Rattus norvegicus	Rn.98685	Tdg	Thymine-DNA glycosylase	Select
Danio rerio	Dr.108067	tdg	Thymine-DNA glycosylase	Select
Gallus gallus	Gga.3142	TDG	Thymine-DNA glycosylase	Select
Xenopus laevis	Xl.23573	TDG	Similar to thymine-DNA glycosylase, mRNA (cDNA clone IMAGE:4889704)	Select
Xenopus tropicalis	Str.10527	tdg	Thymine-DNA glycosylase	Select
Bos taurus	Bt.7318	TDG	Thymine-DNA glycosylase	Select

8 clusters found

Page 1 of 1

A new list on the available resources will be displayed indicating the number of clones within each category. Chose from the list which type of clone you want:

Register | Login
Your Basket | 0 items | Total: ¥0

GenomeCube®   Powered by Source BioScience

Gene (e.g. gene symbol: brd1, entrez gene:10, unigene: Hs.2)
 Accession (e.g. accession number: BC005916, RefSeq number: NM_002825)
 Clone Name (e.g. clone name: OCAAo5051B1010, IOH7539, IMAGE ID: 300000)
 Free Text (e.g. breast cancer)

Species:

Search For:

Genome Cube > TDG > Hs.584809

Homo sapiens	
Gene Symbol	TDG
Gene Description	Thymine-DNA glycosylase
Unigene ID	Hs.584809
Entrez Gene	6996

Please select a product type for a full list of the available resources

- ⌵ I.M.A.G.E. predicted Full Length cDNA clone (3)
- ⌵ sequence verified EST Clone (1)
- ⌵ EST clone (17)
- ⌵ Genomic Clone (19)

Clicking on the arrows in front of each line will display a list of the clones available for this category. Refer to our homepage for more information on each clone resource or contact our tech support for further assistance.

Free Text (e.g. breast cancer)
 Species:

Search For:

[Genome Cube](#) > [TDG](#) > [Hs.584809](#)

Homo sapiens	
Gene Symbol	TDG
Gene Description	Thymine-DNA glycosylase
Unigene ID	Hs.584809
Entrez Gene	6996

Please select a product type for a full list of the available resources

- I.M.A.G.E. predicted Full Length cDNA clone (3)

Product Name	Standard	Sequence Verified	Purified Plasmid
IRAKp961G1264Q	¥38,850	¥49,350	¥55,650
IRALp962K0461Q	¥38,850	¥49,350	¥55,650
IRAKp961B2242Q	¥38,850	¥49,350	¥55,650
- sequence verified EST Clone (1)
- EST clone (17)

Click on the "Product Name" for detailed information on the clone. This information includes sequence and vector details. Click on the hyperlinks indicated in "blue" to access the information.

[Genome Cube](#) > [TDG](#) > [Hs.584809](#) > [IRAKp961G1264Q](#)

I.M.A.G.E. predicted Full Length cDNA clone [IRAKp961G1264Q](#)

IMPORTANT NOTE:
 The insert of this clone may not represent the latest annotation of the respective gene. Please make sure that the sequence referenced for this clone does actually meet your requirements (see the "Sequence" section below).


Cross Reference	Gene Symbol	TDG
	Species	Homo sapiens
Technical Clone Data	Library	NIH_MGC_116
	Alternative Name	5184772 (IMAGE ID)
	Source	Homo sapiens, tissue:'pool of kidney (46 yo male), 2 stomachs (62 yo male, 70 yo female) and 3 colons (26 yo male, 49 yo female, 71 yo male)', organ:'mixed', sex:'both', stage:'adult'
	Host	DH10B (Escherichia coli)
	Vector	pCMV-SPORT6
	Resistance	ampicillin
	PCR Primers	5s: RZPD sp6, 3s: RZPD T7
Restriction Enzymes	5s: EcoRV, 3s: NotI	
Sequence	accession: BC037557 accession: BI760123	

Use the 'back' function of your browser to return to your search results. Go back to your clone of interest and select your order. For ordering, press on the symbol for the shopping basket to place the clone into the basket.

Note, for many clones you have the option to order the clone in different formats with and without an ID check. Sequence verification assures that you will obtain the correct clone. Refer to the Appendix to this guide for more information.

The system will confirm when a clone has been placed into the basket. You can continue with another search or proceed with your order from here.

Register | Login
Your Basket | 0 items | Total: ¥0

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Search Type: Gene (e.g. gene symbol: brd1, entrez gene: 10, unigene: Hs.2) Accession (e.g. accession number: BC005916, RefSeq number: NM_002825) Clone Name (e.g. clone name: OCAA05051B1010, IOH7539, IMAGE ID:300000) Free Text (e.g. breast cancer)

Species: All Organisms

Search For: TDG

Genome Cube > TDG > Hs.584809







Item Added

The item has been added to your basket

Homo sapiens	
Gene Symbol	
Gene Description	
Unigene ID	Hs.584809
Entrez Gene	6996

Please select a product type for a full list of the available resources

∨ I.M.A.G.E. predicted Full Length cDNA clone (3)

Product Name	Standard	Sequence Verified	Purified Plasmid
IRAKp961G1264Q	¥38,850 	¥49,350 	¥55,650 
IRALp962K0461Q	¥38,850 	¥49,350 	¥55,650 

You can review the number of products in your basket by clicking on the hyperlink at “Your Basket” at the left, top of the page.

Register | Login
Your Basket | 3 items | Total: ¥99,750

GenomeCube®  Powered by Source BioScience

Remove	Item Name	Qty	Cost
<input type="checkbox"/>	Clone IRAKp961G1264Q cDNA Clone : NIH_MGC_116	<input type="text" value="1"/>	¥38,850
<input type="checkbox"/>	Clone IMAGp998P137414Q cDNA Clone : NCI_CGAP_Sub3	<input type="text" value="1"/>	¥30,450
<input type="checkbox"/>	Clone IMAGp998B23153Q cDNA Clone : Soares 1NIB	<input type="text" value="1"/>	¥30,450
→ Update		Total:	¥99,750

[← Return To Shopping](#)

[Continue →](#)

You can either return to the shop or continue with the ordering process. You require an account to continue with your order. Use the “Login” function if you have already an account, use the “Register” function to create a new user account.

Account registration

Register | Login
Your Basket | 3 items | Total: ¥99,750

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New Account

Username
Your username must be at least 6 characters in length and contain one letter and one number

Password
Your password must be at least 6 characters in length and contain one letter and one number

Confirm Password

Title

First name

Last name

Email

Phone

Currency

Contact and Delivery Address

Company Name

Line 1

Line 2

Opening the page to register a new account provides you with the fields required for entering your personal information. Follow the directions on the page. Note the requirements for user names and passwords. The need of at least 6 characters protects your private information. The system does not accept kanji or other Japanese characters. For all orders in Japan the currency will always be Japanese Yen.

You have to indicate whether you work in a Government Organization/Academia or a Commercial Entity. For some resources different prices apply for Commercial Entities.

Please enter the information correctly; the account will not be created if the information is incomplete. Make sure you have reviewed your private information before you confirm the new account.

DNAFORM will keep all your information private. Please refer to our Privacy Policy for more information.

Your account

Once you are logged onto the system, you can review your “Past Orders” or go to “Your Basket” to proceed with your order:

- ✓ Review the content of the basket and make sure that the content is correct
- ✓ You can update the content of the basket as needed
- ✓ Return to the shop if you want to add more products
- ✓ Press “Continue” to proceed with the order
- ✓ On the following page confirm the shipping address

On the following page, you can enter the PO (Purchase Order) Number for your order. Note that you must agree to the terms and conditions that apply to each product before you can conclude the ordering process.

Order Total: ¥99750.00
Total To Pay: ¥99750.00
Purchase Order Number:

I agree to the following Material Transfer Agreements I.M.A.G.E. Agreement in Good Faith
 I accept the following terms and conditions

[Back To Cart](#) [Confirm Order](#)

You will be contacted by DNAFORM on your order.

Technical support

Contact us for more support and help on how to use the GenomeCube® or any of our genomic resources. We are happy to be at your service.

Appendix: Clone formats

Source BioScience LifeSciences offers for most clones 3 different formats when purchasing selected* clones: **standard, sequence verified and purified plasmid**.

*Please note that we cannot offer the 3 formats for all clones. Refer to the information in the GenomeCube® for the available options.

Standard format clones

You will receive:

- ✓ Bacterial clone (as stated in product information)
- ✓ Data sheet

It should be noted that we exclude any warranty pertaining to the accuracy of the sequence for clone orders where the client chooses to reject the offered sequence verification option, as the clones are supplied as-is, direct from the original library.

*Sequence verified *recommended**

You will receive:

- ✓ Bacterial clone (as stated in product information)
- ✓ Data sheet
- ✓ BLAST report

DNAFORM and Source BioScience recommend that the purchaser requests sequence-verification using the Source BioScience Clone Identity Verification Service at the time of ordering. This can be requested by selecting the sequence verified or purified plasmid clone format during the ordering process.

These clones are end sequenced before they are sent to you. If the requested clone does not match the expected sequence, Source BioScience will not apply any charge and will contact the purchaser to confirm if they wish to cancel the order.

This risk free option ensures that you have the right clone, removing the chance of receiving one of the wrong clones that are inherent in some libraries and can also save you time from having to sequence the clone yourself.

Purified plasmid

You will receive:

- ✓ Bacterial clone (as stated in product information)

- ✓ End sequenced verified plasmid mini-prep
- ✓ Data sheet
- ✓ BLAST report

The purified plasmid is high quality DNA for use in PCR amplification, DNA sequencing, transformation and downstream enzyme reactions

Reference

K.K DNAFORM

Telephone: 045-510-0607

email: order@dnaform.jp

Dated from March, 2012

Ver1.1