



FUNCTIONAL GENOMICS FACILITY

UNIVERSITY OF COLORADO CANCER CENTER SHARED RESOURCE

STEP 1: Go to <http://dharmacon.gelifesciences.com/mammalian-orf/ccsb-broad-lentiviral-orfs/>

STEP 2: Use the search box to look up your gene of interest (eg: TP53)

Product	Catalog Number
CCSB-Broad Lentiviral Expression Clone	OHS6085 glycerol stock - \$450.00
CCSB-Broad Lentiviral Expression Clone - Mutant	OHS6269 glycerol stock - \$197.00
CCSB-Broad Lentiviral Expression Clone - Partially Sequenced	OHS6271 glycerol stock - \$197.00
CCSB-Broad Lentiviral Expression Clone - Unsequenced	OHS6270 glycerol stock - \$197.00

STEP 3: Scroll down to the section that has some description of your gene of interest. Click cDNA/ORF (See the encircled section in the screenshot below)

Search results for TP53

Genes (5084) | Pathways (54) | Resources (7)

TP53 tumor protein p53
Synonyms: bbl, BCC7, bfy, bhp, brp53, drp53, etID22686.5, fb40d06, LFS1, p44, P53, P53 cellular tum...
transcription regulator
Species: Human (TP53 EG:7157), Mouse (Trp53 EG:22059), Rat (Tp53 EG:248A2), Cow (TP53 EG:281542), W...
This gene encodes a tumor suppressor protein containing transcriptional activation, DNA binding, and oligomerization domains. The encoded protein responds to diverse cellular stresses to regulate expression of target genes, thereby inducing cell cycle arrest, apoptosis, senescence, DNA repair, or c...
Additional matches: node synonym **TP53**; species specific node name **TP53** **TP53**; regulates **TP53**; regulated by **TP53**; binds **TP53**; interacts with **TP53**; literature reference title **role of TP53** mutation status in the treatmen...
No products

TP53 tumor protein p53
Synonyms: TP53, tumor protein p53, tumour protein p53
Species: Chicken (TP53 EG:396200)
Additional matches: node synonym **TP53**; species specific node name **TP53**

STEP 4: Click on "CCSB-Broad Lentiviral Expression Human XXX" (Encircled in red in the screenshot below)

If you do not see "CCSB-Broad Lentiviral Expression Human XXX", then the ORF for your gene is not available in this library. The Functional Genomics Facility carries ONLY the CCSB-Broad Lentiviral

Expression Library. If no clone for your gene of interest is present in this library, please order the other clone from GE Dharmacon or other commercial vendor.

TP53 tumor protein p53 cDNA / ORF

transcription regulator **TP53** tumor protein p53

Synonyms bbl, BCC7, bfy, bhy, brp53, drp53, etID22686.5, fb40d06, LFS1, p44, P53, P53 cellular tumour antigen... [More](#)

EG-ID Human (TP53 EG:7157), Mouse (Trp53 EG:22059), Rat (Tp53 EG:24842), Cow (TP53 EG:281542), Western CL... [More](#)

SwissProt ID P04637, P02340, P10361, P67939, P79734, Q29537

Summary This gene encodes a tumor suppressor protein containing transcriptional activation, DNA binding, and oligomerization domains. The encoded protein responds to diverse cellular stresses to regulate expression of target genes, thereby inducing cell cycle arrest, apoptosis, senescence, DNA repair, or c... [More](#)

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Why am I seeing stars?
Click the star next to any gene or pathway to add it to your Gene Cart to build a Cherry-pick Library!
[Learn More >](#)

Read Before Ordering: Important Information >>

Products	Gene Summary	Interaction Networks	Biological Pathways	Controls
siRNA (63)	+ CCSB Human ORFeome TP53 Clone (1)			
shRNA (90)	+ CCSB-Broad Lentiviral Expression Human TP53 (1)			
microRNA (0)	+ hORFeome v8.1 Human TP53 (1)			
crRNA / sgRNA (48)	+ Incyte Partially Sequenced Human TP53 cDNA (1)			
cDNA / ORF (16)	+ MGC Fully Sequenced Bovine TP53 cDNA (1)			
EST (3)	+ MGC Fully Sequenced Human TP53 cDNA (1)			
Non Mammalian (2)	+ MGC Fully Sequenced Mouse Trp53 cDNA (1)			
	+ MGC Fully Sequenced Rat Tp53 cDNA (2)			
Filter cDNA / ORF results	+ ORFeome Collaboration Human TP53 ORF (2)			
Species	+ Precision LentiORF Human TP53 (5)			

STEP 5: This page has a description about the ORF clone(s) for your gene. Use the CCSB i.d. (encircled in red in the screenshot below) to order the clone through our [Order Form](#).

Genome-scale human open reading frame library in an expression-ready, lentiviral backbone.

transcription regulator **TP53** tumor protein p53

Synonyms bbl, BCC7, bfy, bhy, brp53, drp53, etID22686.5, fb40d06, LFS1, p44, P53, P53 cellular tumour antigen... [More](#)

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[Click and expand to view the product.](#)

CCSB-Broad Lentiviral Expression Human TP53

CCSB-Broad LentiORF - TP53 Clone

[+](#) Accession: **BC003596** OHS6085-213579589 glycerol stock - \$450.00 [Add To Cart](#)

Clone ID: ccsbBroad304_07088

Description Specifications Supporting Data References Resources

The CCSB-Broad Lentiviral Expression Library is a genome-scale expression collection developed by researchers at Dana-Farber Cancer Institute and The Broad Institute to provide a sequence confirmed* collection of human ORFs in an expression-ready lentiviral system. This library was derived from the hORFeome V8.1 and created to enable targeted experiments and large-scale screening in diverse cell types.

More information on the creation of this library can be found in the following publication: X. Yang, et al., A public genome-scale lentiviral expression library of human ORFs. Nat Methods 8(8), 659-661 (2011).

Highlights