

## Product datasheet for **RN205685**

### Hdac3 (NM\_053448) Rat Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	Hdac3 (NM_053448) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Hdac3
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>RN205685 representing NM_053448 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**CGATCGCC**

ATGGCCAAGACCGTGGCGTATTTCTACGACCCCGATGTGGGCAACTTCCACTACGGAGCTGGACACCCGA  
TGAACCCCATCGCTGGCATTGACTCATAGCCTAGTCTGCATTATGGTCTCTATAAGAAGATGATCGT  
CTTCAAGCCTTACCAGGCCTCCCAGCATGACATGTGCCGTTCCATTCTGAGGACTACATTGACTTCCTG  
CAGAGAGTCAGCCCCACCAATATGCAGGGTTTCACCAAGAGCCTTAATGCCTTCAACGTGGGTGACGACT  
GCCCTGTGTTCCCGGGCTCTTCGAGTTCTGCTCCCGCTATACAGGCGCATCTCTGCAAGGGGCAACACA  
GCTAAACAATAAGATCTGTGATATTGCCATCAACTGGGCTGGTGGTCTACATCATGCCAAGAAGTTTGAG  
GCCTCTGGCTTCTGCTATGTCAATGACATAGTAATTGGTATCCTGGAGCTGCTCAAGTACCACCCTCGGG  
TGCTGTACATTGATATTGACATCCACCATGGTGACGGGTTTCAGGAAGCCTTCTACCTCACTGACCGGGT  
CATGACTGTGCTTCCACAAATATGAAATTACTTCTTCTGGAACAGGTGATATGTATGAAGTTGGA  
GCAGAGAGTGGCCGCTACTATTGTCTCAATGTGCCCTTACGGGATGGCATTGATGACCAGAGTTACAAGC  
ACCTTTTCCAGCCGGTCATCAGCCAGGTGGTGGACTTCTATCAGCCGANCTGCATCGTGTGCAGTGTGG  
CGCTGACTCCCTGGGCTGTGATCGATTAGGCTGCTTCAATCTCAGCATTGAGGACATGGGAATGTGTT  
GAATATGTCAAGAGTTTCAATATCCCTCTCCTGGTGTGGAGGTGGTGGTTACACCGTCCGAAATGTTG  
CCCGGTGCTGGACATATGAAACATCTCTGCTGGTAGAAGAGGCCATTAGTGAGGAACTTCCCTATAGTGA  
ATACTTCGAGTACTTTGCCCCAGATTTACGCTCCATCCAGATGTCAGCACCCGCATCGAGAATCAGAAC  
TCACGCCAGTATCTAGACCAGATCCGCCAGACCATCTTTGAAAATTGAAGATGCTGAACCATGCACCCA  
GTGTCCAGATTATGATGTTCCAGCAGATCTCCTGACCTATGACAGGACTGACGAGGCCGATGCTGAAGA  
GAGGGTCTCCTGAGGAGAACTACAGCAGGCCAGAAGCACCAATGAATTCTATGATGGAGACCATGACAA  
GACAAGGAAAGCGATGTGGAGATT**TAA**

**ACGCGT**ACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
ACAAGGATGACGACGATAAGGTTTAA



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<b>Chromatograms:</b>	<a href="https://cdn.origene.com/chromatograms/ja2346_d10.zip">https://cdn.origene.com/chromatograms/ja2346_d10.zip</a>
<b>Restriction Sites:</b>	Sgfl-Mlul
<b>ACCN:</b>	NM_053448
<b>Insert Size:</b>	1287 bp
<b>OTI Disclaimer:</b>	<p>Due to the inherent nature of this plasmid, standard methods to replicate additional amounts of DNA in E. coli are highly likely to result in mutations and/or rearrangements. Therefore, OriGene does not guarantee the capability to replicate this plasmid DNA. Additional amounts of DNA can be purchased from OriGene with batch-specific, full-sequence verification at a reduced cost. Please contact our customer care team at <a href="mailto:custsupport@origene.com">custsupport@origene.com</a> or by calling 301.340.3188 option 3 for pricing and delivery.</p> <p>The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. <a href="#">More info</a></p>
<b>Components:</b>	The ORF clone is ion-exchange column purified and shipped in a 2D barcoded Matrix tube containing 10ug of transfection-ready, dried plasmid DNA (reconstitute with 100 ul of water).
<b>Reconstitution Method:</b>	<ol style="list-style-type: none"><li>1. Centrifuge at 5,000xg for 5min.</li><li>2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.</li><li>3. Close the tube and incubate for 10 minutes at room temperature.</li><li>4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.</li><li>5. Store the suspended plasmid at -20°C. The DNA is stable for at least one year from date of shipping when stored at -20°C.</li></ol>
<b>RefSeq:</b>	<a href="#">NM_053448.1</a> , <a href="#">NP_445900.1</a>
<b>RefSeq Size:</b>	1799 bp
<b>RefSeq ORF:</b>	1287 bp
<b>Locus ID:</b>	84578
<b>UniProt ID:</b>	<a href="#">Q6P6W3</a>
<b>Cytogenetics:</b>	18p11
<b>Gene Summary:</b>	mouse homolog plays an important role in regulating cell cycle progression [RGD, Feb 2006]