

Product datasheet for **RN217451**

Hdac9 (NM_001200045) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Hdac9 (NM_001200045) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Hdac9
Synonyms:	RGD1310748; RGD1563092
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin
Fully Sequenced ORF:	>RN217451 representing NM_001200045 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**GCGATCGC**C

ATGCACAGTATGATCAGCTCAGTGGACGTGAAATCAGAGGTTCTATGGGACTGGAGCCCATCTCACCTT
TAGACCTAAGGACAGACCTCAGGATGATGATGCCTGTGGTGGATCCTGTCGTCCGCGAGAAGCAACTGCA
GCAAGAGTTACTTCTTATCCAACAGCAGCAGCAAAATCCAGAAGCAGCTCCTGATAGCCGAGTTTTCAGAAG
CAGCACGAGAATTTGACAAGGCAGCATCAAGCACAACTTCAGGAGCACATCAAGTTACAACAGGAACTTC
TAGCCATAAAAACAACAGCAAGAACTCCTAGAAAAGGAGCAGAACTGGAGCAGCAGAGGCAAGAACAGGA
AGTAGAGAGGCATCGCAGAGAGCAGCAGCTTCTCCTCTCAGAGGCAAAGATAGAGGACGAGAAAGGGCG
GTGGCAAGCACAGAGGTTAAGCAGAAGCTTCAAGAATTCCTATTGAGTAAATCAGCAACGAAAGACACTC
CAACCAATGGAAGAATCATTCCGTGGGCCGCCATCCAAGCTCTGGTACACGGCTGCCACCACACATC
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GATACCAAGGATGATTTCCCTTGCAGAAAACAGCCTCAGAGCCCACTTGAAGGTGCGGTCCAGGTTAA
AACAGAAAGTGGCAGAGAGGAGAAGCAGCCCTTACTCAGGCGAAGGATGGAATCTTGTCACCTTCATT
CAAGAAGCGAGTGTTGAGGTGGCAGAAATCCTCGTCAAGTACAGCTCTCCAGGTCAGGTCAGGTCATCA
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AGCAGCTGTTCCACAGCAGCGCATTCTGATTCACGAAGATTCCATGAACCTGCTGAGTCTCTACACCTC
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AAAGACAAGCAGAAGTGTGAGACACAGATGCTCAGACAAGGTGTCCCTCTGCCCGGCCAGTATGGAAGTG
GCATTGCAGCATCCTCCAGCCATGCTCATGTAGCAATGGAGGGCAAACCGAACAGCAGTACCAAGCTCT
CCTGCAGCACCTCCTGCTGAAGGAACAAATGAGACAGCAAAAGCTTCTTGTGGCTGGCGGAGTTCATTA
CACCCCAAGTCTCCTTTGGCAACAAAAGAAAGAAATTTACCAGGCATTAGAGGTACCCACAAATTGCCCC
GCCACAGACCCCTCAATCGAACTCAGTCTGCACCTTTGCCTCAGAGCACACTGGCTCAGTGGTCATTCA
GCAGCAGCACCAGCAGTTCCTGGAGAAGCAGAAGCAATACCAGCAGCAGATCCACATGAACAAACTGCTA
TCGAAATCTATTGAGCAACTGAAGCAACCAGGCAGCCATCTTGAAGAGGCAGAGGAGGAGCTTCAGGGGG



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ACCAAGCCATGGAAGAGAGACAACTCTAAGGACAGCGGTACCGGGAAGGACAGCAGTCTGTGTGGA
 GGACACACTGGGACAAGTTGGGGCTGTGAAGTCAAGGAGGAACCCGTGGACAGCGACGAAGATGCTCAG
 ATGCAGGAAATGGAATGTGGGGAGCAGGCTGCTTTATGCAACAGACGCCCTTGTGGAGTCTCACACA
 CGCGTGCACCTCTCAGTGCACCAGGCTCGGCTGGCTGCAGCTGGCATCGATGGATTAGAGAAACATGGACT
 CCTCTCCAGGACCCATTCTTCTCCTGCACCCTCATGTCACCTACCCAGCCGACAGTGTCCCCGCCAG
 CCTGCCTCTGCCACTGGAATTGCCTATGACTGTCTGATGCTGAAACACCAGTGCATCTGTGGCAATTCCA
 CCACCCACCTGAGCATGCTGGGCGAATACAGAGCATCTGGTCACGGCTGCAAGAAACCCGGCTGCTAAA
 TAAATGTGAGCGAATTC AAGGTCGAAAAGCCAGCCTGGAGGAAATTCAGCTTGTTCAATCTGAACATCAC
 TCACTACTGTATGGCACCAGCCCCCTGGACGGACAGAAGCTGGACCCCAGGACACTCCTAGGTGATGATT
 CTCGAAAATTCTTTCTCGTTACCTTGTGGTGGACTCGGGGTGGACAGTGACACCATTGGAATGAGCT
 GCACTCGTCCGGTGTGCACGCATGGCTGTTGGCTGTGTCATTGAGCTGGCTTCCAAAGTGGCTCAGGA
 GAGCTGAAGAATGGGTTTGTGTTGTGAGGCCCCAGGCCATCATGCTGAAGAATCTGCAGCCATGGGGT
 TCTGCTTTTTTAATTCAGTCGCAATTACGGCCAAATACTTGAGAGACCACTAAATATAAGCAAGATATT
 GATCGTAGATCTGGATGTTACCATGGAACGGTACACAGCAGGCCTTTTATGCTGACCCAGCATCCTG
 TACATTTCACTCCATCGCTATGATGAAGGGAATTTTTCCCTGGCAGTGGCGCCCGAATGAGGTTGGAG
 TAGGTCTGGGAGAAGGCTACAATGTAACATTGCTGGACAGGCGCCTTGACCCCCCTATGGGAGATGT
 TGAGTACCTTGAAGCATTCAAGACTGTCGTGATGCCTGTGGCCAGAGAGTTTGATCCAGACATGGTCTG
 GTTTCTGCTGGATTTGATGCATTGGAAGCCACACCCCTCCCCTAGGGGGTTACAAAGTACAGCAAAAT
 GCTTTGGTCATTTGACGAAGCAGCTGATGACATTGGCTAATGGACGTGTGGCATTGGCTCTTGAAGGGG
 ACATGATCTGACAGCCATCTGTGATGCCTCGGAGGCCATGATAAATGCCCTTCTAGGAAATGAGCCCGG
 TCTCTTGAGGAAGATGTTCTCCACCAGTCTGTGAATACGAATGCAGCCGCTTCTTACAGAAGACCATTG
 AAATCCAAAGCAAGTATTGGAAGTCGATCAAGATGGTGGCTGTGCAAGGGGCTGTGCTCTGCCTGCTTC
 TCAGCTGCAAGAGGAGACAGAGACCGTTTCTGCATTAGCCTCCCTGACGGTAGATGTGGAACAGCCATTT
 GCTCAGGAAGATGGCAGAAGTCTGGTGGAGCCCATGGAAGAGGAGCCAGCCTTGTA

AGCGGACCGACGCGTACGCGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCC
 TGGATTACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** SgfI-RsrII
- ACCN:** NM_001200045
- Insert Size:** 3207 bp
- OTI Disclaimer:** Our molecular clone sequence data has been matched to the reference identifier above as a point of reference. Note that the complete sequence of our molecular clones may differ from the sequence published for this corresponding reference, e.g., by representing an alternative RNA splicing form or single nucleotide polymorphism (SNP).
- OTI Annotation:** Clone contains native stop codon, and expresses the complete ORF without any c-terminal tag.
- Components:** 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).
- Reconstitution Method:**
1. Centrifuge at 5,000xg for 5min.
 2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.
 3. Close the tube and incubate for 10 minutes at room temperature.
 4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.
 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.

RefSeq: NM_001200045.1, NP_001186974.1
RefSeq Size: 3503 bp
RefSeq ORF: 3207 bp
Locus ID: 687001
Cytogenetics: 6q16