

Product datasheet for MC229337

Hdac5 (NM_001284249) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Hdac5 (NM_001284249) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Hdac5
Synonyms:	AI426555; Hdac4; mHDA1; mKIAA0600
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin
Fully Sequenced ORF:	>MC229337 representing NM_001284249 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCCGCGATCGCC

ATGCCAGCTCCATGGGGGTGGAGGTGGAGGTAGCCCCAGCCCCGTGGAGCTTCGGGGGGCTCTGGCGG
GCCCCATGGACCCTGCGCTACGGGAGCAGCAACTGCAGCAGGAGCTCCTGGTCTCAAGCAGCAGCAGCA
GCTCCAGAAGCAGCTCCTGTTCCGGAGTTCCAGAAGCAGCAGCAGCAGCAGTTCGACGCGGCAGCAGGAGT
CAGCTGCAGAAGCACCTCAAGCAGCAGCAGGAGATGCTGGCGGCTAAGAGGCAGCAGGAGCTGGAGCAGC
AGCGGCAGCGGGAGCAGCAGCGGCAGGAGGAGCTGGAGAAAACAGCGGCTGGAGCAGCAGCTGCTCATCCT
GCGCAACAAGGAGAAGAGCAAAGAGAGTGCCATCGCCAGCACCGAGGTAAGCTGAGGCTCCAGGAATTC
CTGTTGTCCAAGTCAAAGGAGCCACGCCAGGCGGCTCAACATTCCCTCCCACAGCACCCAAATGCT
GGGAGCCACCACGCTTCTTTGGACCAGAGTTCCTCCAGAGCGGCCCTCCTGGGACGCCTCCCTC
CTACAAATTGCCTTTGCTTGGGCCCTATGACAGCCGTGATGACTTTCCTCCGTAACAGCGCCTCGGAA
CCCACTTAAAAGTACGTTGAGGCTAAAACAGAAGGTAGCCGAGAGGAGAAGCAGTCCCCTCCTGCGTC
GAAAGGATGGCACTGTTATTAGTACTTTAAGAAGAGAGCAGTTGAGATCACCGGCAGGGCCCTGGGGT
GTCGTCGGTGTGTAAAGTGCAGCGCCGCTCTGGCCCCAGCTCTCCAACAGTTCACAGCAGCAGTCCGCT
GAGAACGGCTTTACTGGCTCAGTCCCAACATCCCACTGAGATGATCCCCAGCACCGGCCCTCCCTC
TGGACAGTTCCTCAACAGTTCAGCCTCTATACGTCTCCTTCTCTGCCAACATCTCCCTAGGGTGCAG
GGCCACTGTCACTGTCACTCACTCGCACCTCACCGCCTCCCCAAGCTGTCAACACAGCAGGAGGCTGAG
AGGCAGGCCCTTCAGTCCCTGCGGCAGGGCGGCACACTGACCGGCAAGTTCATGAGCACATCCTCCATCC
CTGGCTGCCTGTTGGGAGTGGCACTGGAGGTGACACAAGCCCCACGGGCAGCTTCCCTGCTGCAGCA
CGTTTTGCTCCTGGAGCAGGCCCGCAACAGAGCAGCTCATAGCAGTCCGCTCCATGGCAGTCCCCA
CTGGTGACGGGTGAACGTGTGGCCACCAGCATGAGGACGGTGGTAAGCTCCCGAGGCACCGACCTCTGA
GCCGACTCAGTCTCCCGCTGCCGAGAGTCCCAGGCCCTGCAGCAGCTGGTATGCAGCAGCAGCA
CCAGCAGTTCCTGGAGAAGCAGAAGCAGCAGCAGATGCAGCTGGGCAAGATCCTTACAAAACCTGGGGAG
CTGTCAAGGCAGCCCACCACTCACCCGAGGAGACAGAAGAGGAGCTGACGGAGCAGCAGGAGGCCCTTG



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TGGGAGAGGGGGCCCTGACCATTCCCCGGGAAGGCTCTACAGAAAAGTGAGAGCACCCAGGAAGACCTAGA
 AGAGGAGGAGGAGGAGGAGGAGGAAGAGGAGGACTGCATTACGGTCAAGGATGAGGATGGCGAGAGT
 GGTCTGATGAAGGCCCTGACTTAGAAGAGTCCAGTGTGGTTACAAAAAGTTGTTTCGCAGATGCCCAGC
 AGTTACAGCCCTCCAGGTGTACCAGGCACCCCTCAGCTGGCCACTGTGCCTCATCAGGCCCTGGGCCG
 CACCCAGTCTCACCTGCTGCTCCTGGGAGCATGAAGAGCCCCACAGACCAACCCACTGTGGTGAAGCAC
 CTCTTCACCACAGGTGTGGTCTATGACACGTTTCATGCTGAAGCACCAGTGTATGTGCGGAAACACACAG
 TGCACCCAGAGCACGCCGGCCGCATCCAGAGCATCTGGTCCCAGGCTGCAGGAAACTGGTCTGCTCGGCAA
 GTGTGAGCGGATCCGGGGTCGTAAGCCACACTGGATGAAATCCAGACCGTGCACCTCTGAGTACCACACC
 CTGCTCTATGGGACCAGCCCCCTTAACCGGCAGAAGCTGGACAGCAAGAAGCTGCTTGGCCCCATCAGCC
 AGAAGATGTACGCCATGCTGCCCTGTGGGGCATTGGGGTGGACAGTGACACGGTGTGGAATGAGATGCA
 CTCCTCAAGTGCCGTGCGAATGGCAGTGGGCTGCCTGGTGGAGCTGGCCTTCAAGGTGGCTGCAGGAGAG
 CTCAGAATGGATTTGCTATCATCCGGCCCCAGGACACCATGCTGAGGAGTCCACAGCCATGGGATTCT
 GCTTCTCAACTCCGTAGCCATCACAGCTAAACTCCTGCAGCAGAAGCTGAGCGTGGCAAGGTCTCAT
 CGTGGACTGGGATATTCACCATGGCAACGGCACCCAGCAAGCATTCTACAACGATCCCTCTGTGCTCTAC
 ATCTCCCTGCATCGCTACGACAACGGGAACCTTTCCAGGCTCTGGGGCTCCTGAAGAGGTTGGTGGAG
 GGCAGGTTGGGGTACAACGTAATGTGGCGTGGACAGGAGGTGTGGATCCCCCATTGGAGATGTGGA
 ATACCTGACAGCCTTCAGGACAGTGGTGTGCCATTGCCAGGAGTTCTCACCTGACGTCGTCCTAGTC
 TCCGCTGGGTTTGTGCTGTTGAAGGACATCTGTCTCCACTGGGTGGCTATTCTGTACCGCCAGATGTT
 TTGGCCACTTGACCAGGCAGTCTGACTGAGCCTGTGTCTCGGCTCTGCTCAGCGTGGAGCTGCAGCCC
 TGACTTGACCGCCATCTGTGATGCCTCTGAGGCCTGTGTCTCGGCTCTGCTCAGCGTGGAGCTGCAGCCC
 TTGGATGAAGCAGTCTTGACGAAAAGCCAGCGTCAATGCGGTTGCCACACTAGAGAAAGTCATCGAGA
 TCCAGAGCAAACACTGGAGCTGTGTACAGAGGTTTCCCGCTGGTCTGGGCTGCTCGCTGCCGGAGGCTCA
 GACAGGTGAGAAAAGAGGAGGCCGAGACTGTGAGCGCCATGGCCCTGCTTCCGTGGGGCTGAGCAGGCC
 CAGGCTGTTGCCACTCAAGAGCACAGCCCCAGGCCAGCAGAGGAGCCCATGGAGCAGGAGCCTGCCCTGT
 GA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** SgfI-MluI
- ACCN:** NM_001284249
- Insert Size:** 3222 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_001284249.1](#), [NP_001271178.1](#)
RefSeq Size: 3925 bp
RefSeq ORF: 3222 bp
Locus ID: 15184
Cytogenetics: 11 D