

Product datasheet for MC229372

Hdac5 (NM_001284250) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Hdac5 (NM_001284250) 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: >MC229372 representing NM_001284250
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGC**C

ATGAACTCTCCCAACGAGTCGGATGGCATGTCAGGCCGGGAACCATCCTTGAAATCCTGCCACGGACTC
 CTCTGCACAGCATCCCTGTGGCAGTGGAGGTGAAGCCGGTCTGCCAGGAGCCATGCCAGCTCCATGGG
 GGGTGGAGGTGGAGGTAGCCCCAGCCCCGTGGAGCTTCGGGGGGCTCTGGCGGGCCCATGGACCCTGCG
 CTACGGGAGCAGCAACTGCAGCAGGAGCTCCTGGTCTCAAGCAGCAGCAGCAGCTCCAGAAGCAGCTCC
 TGTTCCGCGAGTTCAGAAAGCAGCAGCACCACTTGACGCGGCAGCAGAGGTCCAGCTGCAGAAGCACCT
 CAAGCAGCAGCAGGAGATGCTGGCGGCTAAGAGGCAGCAGGAGCTGGAGCAGCAGCGGCAGCGGGAGCAG
 CAGCGGCAGGAGGAGCTGGAGAAACAGCGGCTGGAGCAGCAGCTGCTCATCCTGCGCAACAAGGAGAAGA
 GCAAAGAGAGTGCCATCGCCAGCACCGAGGTAAGCTGAGGCTCCAGGAATTCCTGTTGTCCAAGTCAA
 GGAGCCCACGCCAGGCGGCTCAACCATCCCTCCCACAGCACCCAAATGCTGGGGAGCCACCACGCT
 TCTTTGGACCAGAGTCCCCTCCCAGAGCGGCCCTCTGGGACGCTCCCTCTACAAATTGCCTTTGC
 TTGGGCCCTATGACAGCGGTGATGACTTCCCCTCCGTAACCGGCTCGGAACCAACTAAAAGTACG
 TTCGAGGCTAAAACAGAAGGTAGCCGAGAGGAGAAGCAGTCCCCTCCTGCGTCGAAAGGATGGCACTGTT
 ATTAGTACTTTTAAAGAGAGCAGTTGAGATCACCGGCACGGGCTGGGGTGTGCTCCGTGTGTAACA
 GTGCGCCCGGCTCTGGCCCCAGCTCTCCCAACAGTTCCCACAGCACCATCGCTGAGAACGGCTTTACTGG
 CTCAGTCCCCAACATCCCCTGAGATGATCCCCAGCACCGGGCCCTCCCTCTGGACAGTTCCCCAAAC
 CAGTTCAGCCTCTATACGTCTCCTTCTCTGCCAACATCTCCCTAGGGCTGCAGGCCACTGCTACTGTCA
 CCAACTCGCACCTCACCGCTCCCCGAAGTGTCAACACAGCAGGAGGCTGAGAGGCAGGCCCTTCAGTC
 CCTGCGGCAGGGCGCACACTGACCGGCAAGTTCATGAGCACATCCTCCATCCCTGGCTGCCTGTTGGGA
 GTGGCACTGGAGGTTGACACAAGCCCCACGGGCAGCTTCCCTGCTGCAGCACGTTTTGCTCCTGGAGC
 AGGCCCGCAACAGAGCAGCTCATAGCAGTGCCGCTCCATGGGAGTCCCCTGGTGCAGGGTGAACG
 TGTGGCCACCAGCATGAGGACGGTGGGTAAGCTCCCGAGGCACCGACTCTGAGCCGCACTCAGTCTCC
 CCGCTGCCGAGAGTCCCAGGCCCTGCAGCAGCTGGTATGCAGCAGCAGCACCGAGTTCCTGGAGA



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AGCAGAAGCAGCAGCAGATGCAGCTGGGCAAGATCCTTACCAAACTGGGGAGCTGTCAAGGCAGCCCAC
CACTCACCCGGAGGAGACAGAAGAGGAGCTGACGGAGCAGCAGGAGGCCCTTGCTGGGAGAGGGGGCCCTG
ACCATTCCCCGGGAAGGCTCTACAGAAAGTGAGAGCACCCAGGAAGACCTAGAAGAGGAGGAGGAGG
AGGAGGAGGAAGAGGAGGACTGCATTCAAGTCAAGGATGAGGATGGCGAGAGTGGTCTGATGAAGGCC
TGACTTAGAAGAGTCCAGTGTGGTTACAAAAAGTTGTTGCGAGATGCCAGCAGTTACAGCCCCCAG
GTGTACCAGGCACCCCTCAGCTGGCCACTGTGCCTCATCAGGCCCTGGGCCACCCAGTCTTACCACAGGTGT
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GGTCTATGACACGTTTATGCTGAAGCACCAAGTGTATGTGCGGAAACACACACGTGCACCCAGAGCACGCC
GGCCGCATCCAGAGCATCTGGTCCCGGCTGCAGGAAACTGGTCTGCTCGGCAAGTGTGAGCGGATCCGGG
GTCGTAAGCCACACTGGATGAAATCCAGACCGTGCACCTGAGTACCACACCCTGCTCTATGGGACCAG
CCCCCTTAACCGGCAGAAGCTGGACAGCAAGAAGCTGCTTGGCCCCATCAGCCAGAAGATGTACGCCATG
CTGCCCTGTGGGGCATTGGGGTGGACAGTGACACGGTGTGGAATGAGATGCACTCCTCAAGTCCCGTGC
GAATGGCAGTGGGCTGCCTGGTGGAGCTGGCCTTCAAGGTGGCTGCAGGAGAGCTCAAGAATGGATTTGC
TATCATCCGGCCCCAGGACACCATGCTGAGGAGTCCACAGCCATGGGATTCTGCTTCTTCAACTCCGTA
GCCATCACAGCTAAACTCCTGCAGCAGAAGCTGAGCGTGGGCAAGTCTCATCGTGGACTGGGATATTC
ACCATGGCAACGGCACCCAGCAAGCATTCTACAACGATCCCTCTGTGCTTACATCTCCCTGCATCGCTA
CGACAACGGGAATTCTTCCAGGCTCTGGGGCTCCTGAAGAGGTTGGTGGAGGGCCAGGTGTGGGGTAC
AACGTAATGTGGCGTGGACAGGAGGTGTGGATCCCCCATTGGAGATGTGGAATACCTGACAGCCTTCA
GGACAGTGGTGTGCCATTGCCAGGAGTTCTCACCTGACGTCGTCCTAGTCTCCGCTGGGTTTGTATGC
TGTTGAAGGACATCTGTCTCCACTGGGTGGCTATTCTGTACCCGCCAGATGTTTTGGCCACTTGACCAGG
CAGCTCATGACTGGCTGGGGCCGGTGGTGTGGCCCTGGAGGGAGGCCATGACTTGACCCCATCT
GTGATGCCTCTGAGGCCGTGTCTCGGCTGCTCAGCGTGGAGCTGCAGCCCTGGATGAAGCAGTCTT
GCAGAAAAGCCAGCGTCAATGCGGTTGCCACACTAGAGAAAGTCATCGAGATCCAGAGCAAACTGG
AGCTGTGTACAGAGGTTTGCCGCTGGTCTGGGCTGCTCGCTGCGGGAGGCTCAGACAGGTGAGAAAAGAGG
AGGCCGAGACTGTGAGCGCCATGGCCCTGCTTCCGTGGGGCTGAGCAGGCCAGGCTGTTGCCACTCA
AGAGCACAGCCCCAGGTAA

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ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

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- Restriction Sites:** SgfI-MluI
- ACCN:** NM_001284250
- Insert Size:** 3309 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_001284250.1](#), [NP_001271179.1](#)

RefSeq Size: 3817 bp

RefSeq ORF: 3309 bp

Locus ID: 15184

Cytogenetics: 11 D