

Product datasheet for MR231583

Hdac5 (NM_001284250) Mouse Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Hdac5 (NM_001284250) Mouse Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Hdac5
Synonyms:	AI426555; Hdac4; mHDA1; mKIAA0600
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin
ORF Nucleotide Sequence:	>MR231583 representing NM_001284250 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**GCGATCGCC**

ATGAACTCTCCCAACGAGTCGGATGGCATGTCAGGCCGGGAACCATCCTTGAAATCCTGCCACGGACTC
CTCTGCACAGCATCCCTGTGGCAGTGGAGGTGAAGCCGGTCTGCCAGGAGCCATGCCAGCTCCATGGG
GGGTGGAGGTGGAGGTAGCCCCAGCCCCGTGGAGCTTCGGGGGGCTCTGGCGGGCCCATGGACCTGCG
CTACGGGAGCAGCAACTGCAGCAGGAGCTCCTGGTCTCAAGCAGCAGCAGCAGCTCCAGAAGCAGCTCC
TGTTCCGCGAGTTCAGAAAGCAGCAGCACCACTTGACGCGGCAGCAGGAGTCCAGCTGCAGAAGCACCT
CAAGCAGCAGCAGGAGATGCTGGCGGCTAAGAGGCAGCAGGAGCTGGAGCAGCAGCGGCAGCGGGAGCAG
CAGCGGCAGGAGGAGCTGGAGAAACAGCGGCTGGAGCAGCAGCTGCTCATCCTGCGCAACAAGGAGAAGA
GCAAAGAGAGTGCCATCGCCAGCACCGAGGTAAGCTGAGGCTCCAGGAATTCCTGTTGTCCAAGTCAA
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TCTTTGGACCAGAGTCCCCTCCCAGAGCGGCCCTCTGGGACGCTCCCTCTACAAATTGCCTTTGC
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AGCAGAAGCAGCAGCAGATGCAGCTGGGCAAGATCCTTACCAAACTGGGGAGCTGTCAAGGCAGCCCAC
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 AGGCCGAGACTGTGAGCGCCATGGCCCTGCTTCCGTGGGGCTGAGCAGGCCAGGCTGTTGCCACTCA
 AGAGCACAGCCCCAGG

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>MR231583 representing NM_001284250
 Red=Cloning site Green=Tags(s)

MNSPNESDGMMSGREPSLEILPRTPLHSIPVAVEVVKPVLPGAMPSSMGGGGGSPSPVELRGALAGPMDPA
 LREQQLQQELLVLKQQQLKQQLFAEFQKQHDHLTRQHEVQLQKHLKQQQEMLAARQQELEQQRQREQ
 QRQEELKQRLEQQLILRNKEKSKESAIASTEVKLRLQEFLLSKSKEPTPGGLNHSLPQHPCWGAHHA
 SLDQSSPPQSGPPGTPPSYKLPPLLPYDSRDDFPLRKTASEPNLKVRSRLKQKVAERRSSPLLRKDGTV
 ISTFKRAVEITGTGPGVSSVCNSAPGSGPSSPNSHSTIAENGF TGSVPNIPTMIPQHRALPLDSSPN
 QFSLYTSPLPNIISLGLQATVTVTNSHLTASPKLSTQAEERQALQSLRQGGTLTGKFMSTSSIPGCLLG
 VALEGDTSPHGHASLLQHVLLEQARQQSTLIAVPLHGQSPLVTGERVATSMRTVGKLPHRPLSRTQSS
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 TIPREGSTESESTQEDLEEEEEEEEEEDCIQVKDEDESGPDEGPDLEESSAGYKLFADAQQLPQLQ
 VYQAPLSLATVPHQALGRTQSSPAAPGSMKSPTDQPTVVKHLFTTGVVYDTFMLKHQCMGNTHVHPEHA
 GRIQSIWSRLQETGLLGKICERIRGRKATLDEIQT VHSEYHTLLYGTSPLNQKLDKSKLLGPI SQKMYAM
 LPCGGIGVSDTVWNEMHSSSAVRMAVGCLVELAFKVAAGELKNGFAIIRPPGHAEESTAMGFCFFNSV
 AITAKLLQKLSVGKVLIVDWDIHHGNGTQAFYNDPSVLYISLHRYDNGNFFPGSGAPEEVGGPGVGY
 NVNVAWTGGVDPPIGDVEYLTAFRVVMPIAQEFSPDVVLYSAGFDAVEGHL SPLGGYSVTARCFGHLTR
 QMLTAGGRVVLALGEGHDLTAICDASEACVSALLSVELQPLDEAVLQQKPSVNAVATLEKVIEIQSKHW
 SCVQRF AAGLGC SLREAQTGEKEEAETVSAMALLSVGAEQAQAVATQEHSPR

TRTRPLEQKLI SEEDLAANDILDYKDDDDKV

Restriction Sites:

Sgfl-MluI

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:	<ol style="list-style-type: none">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:	<u>NM_001284250.1, NP_001271179.1</u>
RefSeq Size:	3817 bp
RefSeq ORF:	3309 bp
Locus ID:	15184
Cytogenetics:	11 D
MW:	120.3 kDa