

Product datasheet for SC114525

HDDC2 (NM_016063) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	HDDC2 (NM_016063) Human Untagged Clone
Tag:	Tag Free
Symbol:	HDDC2
Synonyms:	C6orf74; CGI-130; dj16705.2; NS5ATP2
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	>NCBI ORF sequence for NM_016063, the custom clone sequence may differ by one or more nucleotides

ATGGCTTCGGTCTCCTCTGCGACCTTCTCGGGCCACGGGGCTCGGTCCCTACTGCAGTTCCTGCGGCTGG
 TAGGGCAGCTCAAGAGAGTCCCACGAACTGGCTGGGTATACAGAAATGTCCAGAGGCCGGAGAGCGTTTC
 AGATCACATGTACCGGATGGCAGTTATGGCTATGGTGATCAAAGATGACCGTCTTAACAAAGACCGATGT
 GTACGCCTAGCCCTGGTTCATGATATGGCAGAATGCATCGTTGGGGACATAGCACCAGCAGATAACATCC
 CCAAAGAAGAAAAACATAGGCGAGAAGAGGAAGCTATGAAGCAGATAACCCAGCTCCTACCAGAGGACCT
 CAGAAAGGAGCTCTATGAACTTTGGGAAGAGTACGAGACCCAATCTAGTGCAGAAGCCAAATTTGTGAAG
 CAGCTAGACCAATGTGAAATGATTCTTCAAGCATCTGAATATGAAGACCTTGAACACAAACCTGGGAGAC
 TGCAAGACTTCTATGATTCCACAGCAGGAAAAATCAATCACCTGAGATAGTCCAGCTTGTTTCTGAACT
 TGAGGCAGAAAGAAGCACTAACATAGCTGCAGCTGCCAGTGAGCCACACTCCTGA


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5' Read Nucleotide Sequence:	>OriGene 5' read for NM_016063 unedited GATATTTGTATACGACTCACTATAGGGCGGCCGGAATTCGGCACGAGGCATGGCTTCGG TCTCCTCTGCGACCTTCTCGGGCCACGGGGCTCGGTCCCTACTGCAGTTCCTGCGGCTGG TAGGGCAGCTCAAGAGAGTCCCACGAATGGCTGGGTATACAGAAATGTCCAGAGGCCGG AGAGCGTTTCAGATCACATGTACCGGATGGCAGTTATGGCTATGGTGATCAAAGATGACC GTCTTAACAAAGACCGATGTGTACGCCTAGCCCTGGTTCATGATATGGCAGAATGCATCG TTGGGGACATAGCACCAGCAGATAACATCCCCAAGAAGAAAAACATAGGCGAGAAGAGG AAGCTATGAAGCAGATAACCCAGCTCCTACCAGAGGACCTCAGAAAGGAGCTCTATGAAC TTTGGGAAGAGTACGAGACCCAATCTAGTGCAGAAGCCAAATTTGTGAAGCAGCTAGACC AATGTGAAATGATTCTTCAAGCATCTGAATATGAAGACCTTGAACACAAACCTGNGAGAC TGCAAGACTTCTATGATTCCACAGCAGGAAAATTCAATCACCTGAGATAGTCCAGCTTG TTTCTGAACCTTGAGGCAGAAAGAAGCACTAACATAGCTGCAGCTGCCAGTGAGCCCACT CCTGAGACACTCTCTAAATTGCTGCACTCCTGNTACANACATTATTTTCCATTTTCATTG TATTGGGTTTTGCCATTGTTGGTCTGTTGATTTCTAGATGTGAGTCTGTTTGGTTTCAT TGTCTGAACCTTCAGCAGAATTGATACAACCTGGGCACTANAGAAGCACAGACAGGAGCGTC ATGAAGTGCATGATGACACTGAGTGCAGTGCTGTTATGACTAATAATAATTTTAACTACTA NNANNAANNNNNNNNNNNANNAANAACTCACTTAATGCG
3' Read Nucleotide Sequence:	>OriGene 3' read for NM_016063 unedited GCACGCAATCTAGTGTGAGNNCTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTT GGGGGTTAATATTTATTTATTTAGTTTATAAACAGGCACTGCCACCTCCAGTGTTTCATCC ATGGCACTTTTCATGACCGCTTCTGTTCTGGGGCTTCTTTAATGCCCAAGTTGTATCAC ATTTCTTGCTGAAGTTCAAACAATTGAAAACAAACAGACTCACATCTAGGGAAATCAACA GACCAACAATGGCAAAACACAATACAATGAAATGGAAAAATAATGTTTGTACAGGAGTG CAGCAATTTAAAAAGTGTCTCAAGAGTGTGGCTCACTGGCAGCTGCAGCTATGTTAGTGC TTCTTTCTGCCTCAAGTTCAAAAACAAGCTGGACTATCTCAGGGGGATTGAATTTTCCTG CTGGGGGAATCATAAAAGTCTTGCACTCTCCCAAGTTTGTGTTCAAGGGCTTCATATTCAG ATGCTTGAAGAATCATTTACATTGGTCTAACTGCTTCACAAATTTGGCTTCTGCACTAA ATTGGGTCTCGTACTCTTCCCAAGTTCATAGAGCTCCTTTCTGAAGTCCTCTGGTAAGA GCTGGGTATCTGCTTCATAGCTTCTCTCTCCCTATGTTTTCTCTCTTTGGGGATG TTATCTGCTGGTGCTATGTCCCAACGATGCATTCTGCCTATCATGAAACCAGGCTAGG GACACATCGGTCTTTGTTAAGAACGTCTCTTTGATCACCTAGCCATACCTGCCTCCGGA CATGTGATCTGAACCCCTCTCCGCTCTGCAATTTTGTAAACCAACAGTCGGGGGACC TTTTGAGCTGCCCTACCACCCAGAACCTGCATAGGGACCCACCCCTGCCCAATAAGTC CAAAGAAACCAACCATCCCTGGCCCAATTGCGCGCCTTAAGGAGCGTTAACAATTTGC AGGTCATAACACC
Restriction Sites:	NotI-NotI
ACCN:	NM_016063
Insert Size:	980 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).
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_016063.1](#), [NP_057147.1](#)

RefSeq Size: 1615 bp

RefSeq ORF: 513 bp

Locus ID: 51020

UniProt ID: [Q7Z4H3](#)

Cytogenetics: 6q22.31

Gene Summary: Catalyzes the dephosphorylation of the nucleoside 5'-monophosphates deoxyadenosine monophosphate (dAMP), deoxycytidine monophosphate (dCMP), deoxyguanosine monophosphate (dGMP) and deoxythymidine monophosphate (dTMP).[UniProtKB/Swiss-Prot Function]