

Product datasheet for SC317304

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:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>SC317304 representing NM_016063. Blue=Insert sequence Red=Cloning site Green=Tag(s)

GCTCGTTTAGTGAACCGTCAGAATTTTGTAAACGACTCACTATAGGGCGCCGGGAATTCGTCGACTG
 GATCCGGTACCGAGGAGATCTGCCGCC**CGATCGCC**
 ATGGCTTCGGTCTCCTCTGCGACCTTCTCGGGCCACGGGGCTCGGTCCCTACTGCAGTTCCTGCGGCTG
 GTAGGGCAGCTCAAGAGAGTCCACGAAGTGGGTATACAGAAATGTCCAGAGGCCGGAGAGCGTT
 TCAGATCACATGTACCGGATGGCAGTTATGGCTATGGTGATCAAAGATGACCGTCTTAACAAAGACCGA
 TGTGTACGCCTAGCCCTGGTTCATGATATGGCAGAATGCATCGTTGGGGACATAGCACCAGCAGATAAC
 ATCCCCAAAGAAGAAAAACATAGGCGAGAAGAGGAAGCTATGAAGCAGATAACCCAGCTCCTACCAGAG
 GACCTCAGAAAGGAGCTCTATGAACTTTGGGAAGAGTACGAGACCAATCTAGTGCAGAAGCCAAATTT
 GTGAAGCAGCTAGACCAATGTGAAATGATTCTTCAAGCATCTGAATATGAAGACCTTGAACACAAACCT
 GGGAGACTGCAAGACTTCTATGATTCCACAGCAGGAAAATTCAATCACCCCTGAGATAGTCCAGCTTGT
 TCTGAACTTGAGGCAGAAAGAAGCACTAACATAGCTGCAGCTGCCAGTGAGCCACACTCC**TGA**
ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAAGAGGATCTGGCAGCAAATGATATCCTGGAT
 TACAAGGATGACGACGATAAGGTTTAAACGGCCGGC

Restriction Sites:	Sgfl-MluI
ACCN:	NM_016063
Insert Size:	615 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).


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OTI Annotation:	This TrueClone is provided through our Custom Cloning Process that includes sub-cloning into OriGene's pCMV6 vector and full sequencing to provide a non-variant match to the expected reference without frameshifts, and is delivered as lyophilized plasmid DNA.
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_016063.2
RefSeq Size:	1615 bp
RefSeq ORF:	615 bp
Locus ID:	51020
UniProt ID:	Q7Z4H3
Cytogenetics:	6q22.31
MW:	23.4 kDa
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]