

Product datasheet for **SC106449**

HDDC2 (BC003357) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	HDDC2 (BC003357) Human Untagged Clone
Tag:	Tag Free
Symbol:	HDDC2
Synonyms:	C6orf74; CGI-130; dJ167O5.2; HD domain containing 2; MGC87330; NS5ATP2; OTTHUMP00000040309
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL4</u>
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	>NCBI ORF sequence for BC003357, the custom clone sequence may differ by one or more nucleotides

```

GCTTCGCCGCGGCTGCTCCGCCAGCCGGGGTCGGTGGCCGCATGGCTTCGGTCTCCTCTGCGACCTTC
TCGGGCCACGGGGCTCGGTCCCTACTGCAGTTCCTGCGGCTGGTAGGGCAGCTCAAGAGAGTCCCACGAA
CTGGCTGGGTATACAGAAATGTCCAGAGGCCGGAGAGCGTTTCAGATCACATGTACCGGATGGCAGTTAT
GGCTATGGTGATCAAGATGACCGTCTTAACAAAGACCGATGTGTACGCCTAGCCCTGGTTCATGATATG
GCAGAAATGCATCGTTGGGGACATAGCACCAGCAGATAACATCCCCAAAGAAGAAAAACATAGGCGAGAAG
AGGAAGCTATGAAGCAGATAACCCAGCTCCTACCAGAGGACCTCAGAAAGGAGCTCTATGAACTTTGGGA
AGAGTACGAGACCCAATCTAGTGCAGAAGCCAAATTTGTGAAGCAGCTAGACCAATGTGAAATGATTCTT
CAAGCATCTGAATATGAAGACCTTGAACACAAACCTGGGAGACTGCAAGACTTCTATGATTCCACAGCAG
GAAATTCATCACCCCTGAGATAGTCCAGCTTGTTCGAACTTGAGGCAGAAAGAAGCACTAACATAGC
TGCAGCTGCCAGTGAGCCACACTCCTGAGACACTCTCTAAATTGCTGCACTCCTGTAAACAAACATTATTT
TTCCATTTCAATTGATTGTGTTTTGCCATTGTTGGTCTGTTGATTTCCCTAGATGTGAGTCTGTTTGTTT
TCAATTGTCTGAACTTCAGCAAGAAATGTGATACAACTTGGGCACTAAAAGAAGCCACAGAACAGGAAGC
GGTCATGAAAGTGCCATGGATGAACACTGGAGGTGGCAGTGCCTGTTTATGAACTAAATAAATAAATATT
AAACACCTAAAAAAAAAAAAAAAA
  
```


[View online »](#)

5' Read Nucleotide Sequence:	>OriGene 5' read for BC003357 unedited <pre> GGCCGCGAATTCGGCAGCAGCAGGAAGAGGGGCAGAAGGAAGAAGAGGGGGAGGAGA AAGAGATAGAAGAGTAAGAGGAGGGGAAGAAAGACAAGGGGAAGGGGAGGAGGAGG ACGGGGAGGAGCTTCNCCGCGGCTGCTCCGCCAGCCGGGGTCGGTGGCCGCATGGCTT CGGTCTCCTCTGCGACCTTCTCGGGCCACGGGGCTCGGTCCCTACTGCAGTTCCTGCGGC TGGTAGGGCAGCTCAAGAGAGTCCCACGAACTGGCTGGGTATACAGAAATGTCCAGAGGC CGGAGAGCGTTTCAGATCACATGTACCGGATGGCAGTTATGGCTATGGTGATCAAAGATG ACCGTCTTAACAAAGACCGATGTGTACGCCTAGCCCTGGTTCATGATATGGCAGAATGCA TCGTTGGGGACATAGCACCAGCAGATAACATCCCCAAAGAAGAAAAACATAGGCGAGAAG AGGAAGCTATGAAGCAGATAACCCAGCTCCTACCAGAGGACCTCAGAAAGGAGCTCTATG AACTTTGGGAAGAGTACGAGACCAATCTAGTGCAGAAGCCAAATTTGTGAAGCAGCTAG ACCAATGTGAAATGATTCTTCAAGCATCTGAATATGAAGACCTTGAACACAAACCTGGGA GAACTGCAGACTTCTATGATTCCACAGCAGGAAAATTCAATCACCTGAGATAGTCCAGC TTGTTTCTGAACCTGAGGCAGAAAAAN </pre>
3' Read Nucleotide Sequence:	>OriGene 3' read for BC003357 unedited <pre> TTACTTGGACGGGCGCATCTATATTAATTTTATTTATTATTATAAACAGGCACTGCCA CCTCCAGTGTTTCCATGGCACTTTTCATGACCGCTTCCTGTTCTGTGGCTTCTTTAGT GCCCAAGTTGTATCACATTTCTTGCTGAAGTTCAGACAATTGAAAACAAACAGACTCACA TCTAGGGAAATCAACAGACCAACAATGGCAAAACACAATACAATGAAATGGAAAAATAAT GTTTGTTACAGGAGTGCAGCAATTTATAGAGTGTCTCAGGAGTGTGGCTCACTGGCAGCT GCAGCTATGTTAGTGCTTCTTTCTGCCTCAAGTTCAGAAACAAGCTGGACTATCTCAGGG TGATTGAATTTTCTGCTGTGGAATCATAGAAGTCTTGCACTCTCCAGGTTTGTGTTCA AGGTCTTCATATTCAGATGCTTGAAGAATCATTTACATTGGTCTAGCTGCTTCACAAAT TTGGCTTCTGCTAGATTGGGTCTCGTACTCTTCCCAAAGTTCATAGAGCTCCTTTCTG AGGTCTCTGCTAGGAGCTGGGTATCTGCTTCATAGCTTCTCTCTCGCCTATGTTTT TCTTCTTTGGGGATGTTATCTGCTGGTGCTATGTCCCAACGATGCATTCTGCCATATCA TGAACCAANGGCTAGGCGTACACATCGGTCTTTGTTAAGACGGTCACTTTTGATCACCATA GCCATAACTGCCATCCGGTACATGTGATCTGAAACGCTCTCCGGCCTCTGGACATTTCTG TATACCCAGCCAGTTCGTGGGACTCTCTTGAGCTGCCCTACCAGCCGAGGAACTGCAGT ANGGGACCCGANCCCCGTGGCCCCGATAAGGTCGAGAGAGACCGAAGCATGCGGNACC GACCCCGCTGGGCGGTAGCAGCCGCGGAACCTCCTCCGTCTTCC </pre>
Restriction Sites:	NotI-NotI
ACCN:	BC003357
Insert Size:	1020 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: [BC003357.1](#), [AAH03357.2](#)

RefSeq Size: 934 bp

RefSeq ORF: 934 bp

Locus ID: 51020

Cytogenetics: 6q22.31

Domains: HDc, HD

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]