

Product datasheet for **MC216680**

Zdhhc1 (NM_175160) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Zdhhc1 (NM_175160) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Zdhhc1
Synonyms:	4432412D04Rik; DHHC-1
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >MC216680 representing NM_175160
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGAACATCTGCAACAAACCCCTCCAACAAGACAGCCCCGAGAAGAGTGTGTGGACAGCGCCCTCACAGG
 ACAGTGGGCTTCCCCAGAAGTGCAGGGCCAGCGCTCTCGAAGGAATGGATGGAGCTGGCCGCCACCC
 GCTCCAGATTGTGGCTGGCTGCTACCTCTTCTCGCGGTGATTGGCTTTGGGGTCTTTGTTCCCTC
 TTGCCTCACCCTGGGTGCCTGCTGGCTATGCTTGCATGGGGGCCATCTTTGCTGGCCACCTTGTGGTGC
 ACCTGACTGCTGTCTCCATCGATCCAGCAGATGCCAATGTGCGGGACAAGAGCTACTCTGGGCCCTGCC
 CATCTTCAACCGCAGCCAGCATGCGCATGTCATTGAAGACCTGCACTGCAACCTATGCGACGTGGACGTG
 AGTGGCGCATCCAACACTGCAGCGCTGCAATAAGTGCATGCGGCTTCGATCACCATTGCAAGTGGC
 TCAACAACCTGCGTGGGCGAGAGGAACTATCGGCTCTTTCTACACAGTGTGGCATCTGCTTTATTGGTGT
 CCTGCTCTGGTGTGGTGGCCACTTATGTCTTGTGGAGTTCTTTGTCAACCCATGCGACTTCGTACC
 AACCAACACTTTGAAGTCTTGAAGAACCACCGGATGTGTGGTTTGTGTTCTTGCCTGCTGCCCTGTGG
 AGACCCAGGCTCCTGCCATCCTGGCCCTGGCCGCCCTGCTCATCCTTCTGGGCTGCTTTCTACAGCCCT
 GCTTGGCCACCTGCTCTGCTTCCACATTTATCTAATGTGGCACAAGCTCACCCATGAATACATCGTG
 CAGCACCGTCCAGCTCAGGAAGCAAAGGAGACCCACAAGGAGCTGGAGTCATGCCCCGCAAGGTGCGGT
 CCATTCAGGAGATGGAGTTCTACATGAGGACCTTCAGCCATGTGCGTCCAGAGCCCTCTGGCCAGGCTAG
 GACAGCAGCATTAAATGCCAATCCTTCCAGTTTCTTGCCACCAAGGCAAGTGAACCCACTACCC
 TCCTCCTCAGACACTGGCTCTGCCTCCACGGATCCAACCCAGAAAAAGAGGAAGCGGCGAGTGTATA
 GATTGCCAGGTCTGGGCTTTGGACCGAGAGCTCCCACTGCCAGGTTACGGGAGACTGGGACTCCTAG
 CGGCCGCTCCAGCTTTCATCTGATTCCACCAGTCCAGCCAGTGCATGCTGGTGGCTCTGCAGGCGCC
 TACTACTCGGCATCAGCTGAGTCCATGGAAGAGATTCCAGTGGCCAGACGCGCCTGGGAGTGGCCGAC
 TGGGTGCCCCAGGAGCCAGGGGTCGAGAGTCTGGGCTGGCTCTACAGGCAGTTCGCTGCTTTTTTGT
 GAGCCCGAGCAGTGGCGAGCCCGGAACCTGGAGGCGGCGACGGCTGCCT**TAG**

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: Sgfl-Mlul

ACCN: NM_175160

Insert Size: 1455 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:	<u>NM_175160.3, NP_780369.1</u>
RefSeq Size:	2054 bp
RefSeq ORF:	1455 bp
Locus ID:	70796
UniProt ID:	<u>Q8R0N9</u>
Cytogenetics:	8 D3
Gene Summary:	Has a palmitoyltransferase activity and palmitoylates NCDN thereby regulating its association with endosome membranes.[UniProtKB/Swiss-Prot Function]