

Product datasheet for MC211153

Zdhhc11 (NM_027704) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Zdhhc11 (NM_027704) Mouse Untagged Clone
Tag: Tag Free
Symbol: Zdhhc11
Synonyms: 4933421L13Rik; DHHC-11; Zdhhc20
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
Fully Sequenced ORF: >MC211153 representing NM_027704
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**GCGATCGCC**

ATGAAAGAGATGAACATCTGTGGCATCAACAAGAACTGGGTCTCCAGAAGCCCAGGAAAACAATGTGA
 AGAAGTTCCTACCAGCCCTCTGTCTAGGGTGAATGGCTGGTACCACCCCTCCACTCCTTTCAGGCAAT
 ATCCTGGATCACCTACCTGGCCATGTCCATTGTCACCTTTGGGATCTTCATCCCCTTTCTGCCATATAGC
 TGGAAATATGCTGCCAATATTGTGATGGGTGGGTGTTTCATATCCACCTCATCGTGCACCTTGATCGCAA
 TTACCATCGATCCAGCTGACACCAATGTCCGACTCAAAAAGGACTACACGCAGCCTGTGCCGGCCTTCGA
 CAGGTCCAAACACACACCGTGATTGAGAACAGTACTGCCACCTGTGTGAGGTTACCGCGAGCAAAAAA
 GCCAAACATTGCAGCGCCTGCAACAAATGTGTCTCTGGCTTTGACCACCACTGCAAAATGGCTGAACAACT
 GCGTGGGAGGAGAACTACTGGTCTTTTTCTGGTCTGTGGCCTCAGCTGCAGTTGGGATTCTTGGTGT
 GATGATTATCTTGTGTTATCTGCATCCAGTACTTTGTCAACCCTGATGAGCTTCGCACGGATCCTCTC
 TATAAAGAGATCATCTCTGAGAACACATGGCTGCTGTTCTCTCACTGTGGCCTGTGCCTGTGAAGACCC
 CCATAGTCTTTCCATCGCGGTGATGGCACTGCTACTAGCTATTGCCAGCTTCGTGATGCTTGGGACCT
 CCTCATCTTCCACTTATACCTGATTACTAAGAATATGAGCACATTTGACTACCTGATGAAGACTCGATT
 AAGAAGAATTTACATCCAGCAGAGGAGAAAGAGCTACCTCTACAGAAGAAGGGGGACCTTCCCAGGAAA
 AGAGTGACAACCTGGCCTGGCCGAAGTCCCACCCAGAGTGGGGTCCCAGAAGTCCCAGTGTCTACTCT
 TTCGCCGAAGTCAAGTGTGTGTTTTGTGGCTTACCTCCAAGATCTGCCACAGTGAAGACTAG

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
ACCN: NM_027704



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Insert Size:	1044 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:	<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:	NM_027704.2 , NP_081980.1
RefSeq Size:	1301 bp
RefSeq ORF:	1044 bp
Locus ID:	71164
UniProt ID:	Q14AK4
Cytogenetics:	13 C1
Gene Summary:	Endoplasmic reticulum-localized palmitoyltransferase that could catalyze the addition of palmitate onto various protein substrates and be involved in a variety of cellular processes (PubMed:23687301). Has a palmitoyltransferase activity toward NCDN and regulates NCDN association with endosome membranes through this palmitoylation (PubMed:23687301). May play a role in cell proliferation (By similarity).[UniProtKB/Swiss-Prot Function]