

Product datasheet for MC227565

Zdhhc6 (NM_025883) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Zdhhc6 (NM_025883) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Zdhhc6
Synonyms:	2400007G07Rik; 5930409M18Rik; AI462345; C77369
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>MC227565 representing NM_025883 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGGGCATATTCTGCTCAGTAATCAAGTTTAAAACTTCAAGACTTAAGGAGACTGTGTCATTGGGGTCCATCATAGCCCTGGGTGTTATAGCAATATGTTCCACAATGGCCATGATCGACTCTGTCTGTGGTATTGGCCCTTACATACAACTGGAGGAAGTGTGAACCTCATCATGTTGATAAATTGGACCGTCATGATTCTTTATAATTACTCAATGCCATGTTTGGTCTCGCTCGTCCCTCGGGGTGAAACCGGAAAAGTCTCAGGATAGCATGTATCTCCAGTATTGTAAGTCTGCCAAGCATACAAGGCGCCACGTTACACCATTGCAGAAAGTGTAAACAGATGTGTAATGAAGATGGACCACCTGCCCCGGATCAACAACCTGCTGTGGTACCAGAACACGCCTCGTTCACGCTCTTCTCCTGTTGGCCCCCTGGGCTGCACTCATGCTGCTTTCATCTTCGTGATGACAATGTACACACAGCTTTATAATCGGCTCTCCTTTGGGTGGAACACAGTCAAGATTGACATGAGTGCAGCCAGGAGAGATCCACCTCCAATTGTTCCCTTCGGATTGGTGGCTTGGCCACCTGTTTGCCTTGGATTGGCTTTGGGAACAACCATAGCTGTTGGGATGTTGTTTTTCATACAGATAAAAAATTCTCAGAACAAAACCTTCTATTGAATCATGGATTGAAGAAAAGGCTAAAGATCGCATTCAAGTATTACCAACTGGATGAGTCTTCATTTTTCCCTTATGATATGGGAAGTAAGTGAAGAAGTAAACAGGTGTTACATGGTTCGGGAGTTCCTGAAGGAGATGGACTTGAGTGGCCAATACGAGAGGGCTGTGACCAGTACAGCCTCACAATAGAACAGTTGAAGCAAAAAGGCGAGACAAGAGAGTCAAGAAGTGTTCGCTATAAAGTCATAGAAGATTACAATGGTGCCTGCTGCCCTTTGAATAGAGGAGTGAGAACCTTTTACGAGCCCTGCACTGAGGAGCCTCGGATCCGGCTGCGAGAAAGGAGAGTTCATCTTAGCAACGAGAGGGCTGCGATACTGGTTGTATGGAGACAAAATCTTGTGATGATTCTTCATAGAAGTACTTCAAGAGTAAGAGGGTGGTTTCTAGAAAAGTGTGGAAAAGTGTCCCTGTGATGGTGACTCAGATCCAGCCCCAGAGGGGAGAAGAACAAGATAG

ACGCGTACGCGGCCGCTCGAGCAGAAAACCTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATTACAAGGATGACGACGATAAGGTTTAA



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Restriction Sites:	Sgfl-Mlul
ACCN:	NM_025883
Insert Size:	1242 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).
OTI Annotation:	Clone contains native stop codon, and expresses the complete ORF without any c-terminal tag.
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_025883.3 , NP_080159.3
RefSeq Size:	2182 bp
RefSeq ORF:	1242 bp
Locus ID:	66980
UniProt ID:	Q9CPV7
Cytogenetics:	19 D2
Gene Summary:	Endoplasmic reticulum palmitoyl acyltransferase that mediates palmitoylation of proteins such as AMFR, CALX, ITPR1 and TFRC (PubMed:25368151). Palmitoylates calnexin (CALX), which is required for its association with the ribosome-translocon complex and efficient folding of glycosylated proteins (By similarity). Mediates palmitoylation of AMFR, promoting AMFR distribution to the peripheral endoplasmic reticulum (By similarity). Together with SELENOK, palmitoylates ITPR1 in immune cells, leading to regulate ITPR1 stability and function (PubMed:25368151).[UniProtKB/Swiss-Prot Function]