

Product datasheet for **MC205522**

Zdhhc6 (NM_001033573) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Zdhhc6 (NM_001033573) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Zdhhc6
Synonyms:	2400007G07Rik; 5930409M18Rik; AI462345; C77369
Mammalian Cell Selection:	Neomycin
Vector:	PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >BC033317
 GCGTGAACCAGAGACGCGCGGGTCCGAGTTCCTCCGCGCAGGTCTCGCCGTGAGGGTTCGCATTCGGCTTG
 CTCAGACTGAAGCGCTCATGACAGAGCTATAAGGAGGAGAAAACTGTTCCGCTGAGCCCGGGCCGTCCC
 GGAATGCGATGGCTGTGGAGCGGGCACCAGGAGACCAGACTGAGGCTGTGTTTCAAATCAACCTATATTC
 TCCTGTGAGATACAGAGTCTGGAGGCCACAACGAAAATGACATACCCACCTCAGTGACCCTTCAGCC
 AAAGGCATGACAGCTCAGGCACACACATGGACTGTTGCACACAGAAAATGTGTGCACAGGAAAAGGAGAT
 CTCTAGTTCTTTAGAAGAAAAGTCAATCTTCCACCAAGATGGGCATATTCTGCTCAGTAATCAAGTTTG
 AAAATCTTCAAGACTTAAGGAGACTGTGTCAATGGGGTCCCATCATAGCCCTGGGTGTTATAGCAATATG
 TTCCACAATGGCCATGATCGACTCTGTCTTGTGGTATTGGCCCTTACATACAACCTGGAGGAAGTGTGAAC
 TTCATCATGTTGATAAATTGGACCGTCATGATTCTTTATAAATTACTTCAATGCCATGTTTGTGCTGCTG
 GCTTCGTCCTCGGGGTGAAACCGGAAAAGTCTCAGGATAGCATGTATCTCCAGTATTGTAAAGTCTG
 CCAAGCATACAAGGCGCCACGTTACACCATTGCAGAAAAGTGTAAACAGATGTGTAATGAAGATGGACCAC
 CACTGCCCTGGATCAACAACCTGCTGTGGTCACCAGAACCACGCCTGTTACGCTCTTCTCTGTTGG
 CCCCTCTGGGCTGCACTCATGCTGCTTTCATCTTCGTGATGACAAATGTACACACAGCTTTATAATCGGCT
 CTCCTTTGGGTGGAACACAGTCAAGATTGACATGAGTGCAGCCAGGAGAGATCCACCTCCAATTGTTCCC
 TTCGATTGGCTGCGTTTGCCGCCACCTGTTTGCCTTGGGATTGGCTTTGGGAACAACCATAGCTGTTG
 GGATGTTGTTTTTCATACAGATAAAAAATTATTCTCAGAAAACAAAACCTTCTATTGAATCATGGATTGAAGA
 AAAGGCTAAAGATCGCATTAGTATTACCAACTGGATGAAGTCTTCATTTTTCTTATGATATGGGAAGT
 AAGTGGAAAGAACTTTAAACAGGTGTTTACATGGTCGGGAGTTCCTGAAGGAGATGGACTTGAGTGGCCAA
 TACGAGAGGGCTGTGACCAGTACAGCCTCACAATAGAACAGTTGAAGCAAAGGCAGACAAGAGAGTCAG
 AAGTGTTCGCTATAAAGTCATAGAAGATTACAATGGTGCCTGCTGCCCTTGAATAGAGGAGTGAGAACC
 TTCTTTACGAGCCCTGCACTGAGGAGCCTCGGATCCGGCTGCAGAAAAGGAGAGTTCATCTTAGCAACGA
 GAGGGCTGCGATACTGGTTGTATGGAGACAAAATCTTGATGATTCCTTCATAGAAAGTACTTCAAGAGT
 AAGAGGGTGGTTTCTAGAAAAGTGTGGAAAAGTGTCCCTGTGATGGTGAATCAGATCCAGCCCGAGAG
 GGGGAGAAGAAGAACAGATAGCCACTGTTAAAGTGAAGTCACTAAGTCTTACTTGAATAATCCACAT
 GTAGTACCTGAGAATTATGCAACGAGCCTACTCTGCTTAAAGTATTCTTTTCTCAAAGATGCCCTAGTG
 CCATGACTTCAGAAAATGTTTATTACCGTTTTGAAACAGAAGCCATTCTGCATATGCCTTTGAATTCCTGC
 CGTCTTCCACTTCTTCTACTGAAGCAAGGCCGTTCCAGCCAGTGAAGCAACTTGCCCTTCTGTGTGC
 TGCACATCTGACTTCCCCTGCAGGTCTAATCCCCACTGGACAGGAGCATCTTGCATGTGGTTACTCTGT
 TTCTTCTCAGTTGACATTTCTTATAATCTTCTAGAGACTGTAAAACCTGTCAGATTCATATAAACT
 CAAATTTGGTTACTTTTAAATAACAGATTTTGTCAAATCCAATAAAGGTCAATGGATGTTCTGTAAAA
 AAAAAAAAAAAAAAAAAAAAAAAAAAAAAA

Restriction Sites: RsrII-NotI

ACCN: NM_001033573

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).

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: [BC033317](#), [AAH33317](#)

RefSeq Size: 2128 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]