

Product datasheet for MC211079

Zdhhc2 (NM_178395) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Zdhhc2 (NM_178395) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Zdhhc2
Synonyms:	5730415P04Rik; 6430583A19Rik; DHHC-2
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>MC211079 representing NM_178395 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCCGCGATCGCC

ATGGCGCCCTCGGGCTCGGGCGGCGTGAGGCGGCGGTGCCGGCGGGTGCTCTACTGGATCCCGTGGTGT
 TCATCAGCTTGCTGCTGGGCTGGTCCTACTACGCTACGCCATCCAGCTGTGCATAGTGCCATGAAAA
 CATTGGTGAACAAGTTGTGTGCCTCATGGCTTATCATCTACTTTTGAATGTTTGTCTGGTCATACTGG
 AAAACCATTTTACATTGCCATGAATCCTTCAAAAGAATTCCATCTCTTTATGCAGAGAAAGAATTGC
 TGGAGAGAGAGCCAAGAGGAGAAGCCCATCAGGAAGTTCTGAGGCGAGCAGCCAAAGACCTTCCCATCTA
 CACCAGGACCATGTCCGGCGCAATCCGATATTGTGACAGATGCCAATTATAAAACCAGACCGCTGTCTAT
 CATTGTTCCGTCTGTGATAAATGTATTTGAAGATGGATCATCATTGCCCATGGGTGAACAATTGTGTTG
 GATTTTCAAACACAAATTCTTCCTTCTTTTCTTGGCTTACTCTCTGCTGTACTGCCTTTTCATTGCTGC
 TACCGATTTACAGTATTTTATCAGATTTTGGACAAATGGTCTGCCTGATACTCAAGCCAAGTTCCATATT
 ATGTTTTATTCTTTGCTGCAGCTATGTTTCTGTCAGCTTGCTCTCTGTTTGGTTATCATTGCTGGC
 TAGTCAGCAAAAATAAATCTACTTTAGAGGCATTAGAAATCCAGTATTTAGACACGGAACAGATAAGAA
 CGGATTCAGCTTGGGTTTCAGTAAAAACATGAGACAAGTGTGGTGATGAGAAGAAATACTGGCTGTTA
 CCAGTATTTTCAAGTCAAGGTGATGGCTGTTCCCTTCCAACCTGCCTTGTAAACCAGGATCCTGAACAAC
 CTCTACTCCTGCGGGACTAAATTCACAGTGAAAAATCCTGAAAACCACCAAGTTTCTGCAAAAGCCTCT
 GAGAGAGTCCAGAGCCATCTCCTTAAGGATTCTCAGACCTGGACAGAGAGCAGCGCAAACCTGGGAAG
 GGCAAAGCCGGTATGAGCAACCTGCATTAACATATGGAGAACGAGACTTAG

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI



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ACCN:	NM_178395
Insert Size:	1101 bp
OTI Disclaimer:	Due to the inherent nature of this plasmid, standard methods to replicate additional amounts of DNA in E. coli are highly likely to result in mutations and/or rearrangements. Therefore, OriGene does not guarantee the capability to replicate this plasmid DNA. Additional amounts of DNA can be purchased from OriGene with batch-specific, full-sequence verification at a reduced cost. Please contact our customer care team at custsupport@origene.com or by calling 301.340.3188 option 3 for pricing and delivery. The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. More info
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.
Note:	Plasmids are not sterile. For experiments where strict sterility is required, filtration with 0.22um filter is required.
RefSeq:	NM_178395.3 , NP_848482.1
RefSeq Size:	2498 bp
RefSeq ORF:	1101 bp
Locus ID:	70546
UniProt ID:	P59267
Cytogenetics:	8 A4
Gene Summary:	Palmitoyltransferase specific for GAP43 and DLG4/PSD95.[UniProtKB/Swiss-Prot Function]