

Product datasheet for MC213051

Zdhhc22 (NM_001080943) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Zdhhc22 (NM_001080943) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Zdhhc22
Synonyms:	Gm262
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>MC213051 representing NM_001080943 Red=Cloning site Blue=ORF Orange=Stop codon

TTTGTAAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGC**C

ATGCTGGCCTTGGCGCTGCTCAACGTGGTAGCCCCGCCTACTTTCTTTGCATTTCCCTGGTGACCTTCG
 TACTGCAGCTCTTCCTCTTCCTGCCCAGCATGCGTGAGGACCCACAGCCACCCCGCTCTTCTCGCCTGC
 TGTGCTTACGGGGCGCTCTTCCTGTTCTCTCAGCCAATGCCCTGGGAATTACGTCCTGGTCATCCAG
 AACTCCCCAGACGACCTGGGCACCTGCCAGGGGACCATGTCCAGAGACCTCAGTGCCACCGCCAGCA
 CCCACTTCTGCCGAGTGTGTTCCCGAGTCACGCTGAGGCACGACCATCACTGTTTCTTACCGGCAACTG
 CATCGGCAGCAGAAACATGCGCAACTTCATCCTGTTCTGCCTCTACACCTCTCTGGCCTGCCTTTACTCC
 ATGGTGGCTGGAGTGGCTACATCTCAGCTGTCCTTTCCATCTCCTTCGCCCACCCCTGGCCTTCTTA
 CGCTCTGCCCCTTCAATCAGCCAGTTCTTCTCCGGAGCTGTCCTCGGTTCTGACATGTTGTCATCCT
 CATGCTCTACCTCTGGTTTGCTGTGCGCCTGGCCTGCGCCGTTTCTGCTGCCACCAACTGCTGTTGATC
 CTCCGGGGGCAACCCGCTACCAGGTTGAAAGGGGATGGCTGTAAGAGCCCGACCCTGGCGCAAGAACT
 TACAGGAGGTCTTCGAAAGAGGTGGCTGCTTGGCTTGGTACCCATGTTCAATGTCCGACCGCAAAG
 CTCGAAGCAGCAGGACAA**TAG**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites:	SgfI-MluI
ACCN:	NM_001080943
Insert Size:	792 bp


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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.
Note:	Plasmids are not sterile. For experiments where strict sterility is required, filtration with 0.22um filter is required.
RefSeq:	<u>NM_001080943.2</u> , <u>NP_001074412.1</u>
RefSeq Size:	792 bp
RefSeq ORF:	792 bp
Locus ID:	238331
UniProt ID:	<u>A0PK84</u>
Cytogenetics:	12 D2
Gene Summary:	Palmitoyltransferase that mediates palmitoylation of KCNMA1, regulating localization of KCNMA1 to the plasma membrane (By similarity). Might also mediate palmitoylation of CNN3 (PubMed:29287726).[UniProtKB/Swiss-Prot Function]