

Product datasheet for MC214609

Zdhhc23 (NM_001007460) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Zdhhc23 (NM_001007460) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Zdhhc23
Synonyms:	Gm779; Gm1751; nidd
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin
Fully Sequenced ORF:	>MC214609 representing NM_001007460 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**GCGATCGCC**

ATGAAGCCAGTCAAAAAAAAAAGAAAACCGAAGAACCTGAATTGGAGCCCCTGTGCTGTTGCGAATACATAG
ATCGAAATGGGGAAAAGAACCACGTGGCTGCCTGTTTGTGTGATTGTCAAGACCTCGATGAAGGCTGTGA
CAGATGGCTTACCTGTCAATCACTTCGGCCGGAGACTTGGCAAAGAATCACGGATACAATTTCTGACCGC
CTCCGAATTCCTTGGCTCAGAGGAGCCAAAAGGTTAATATTAGCATCGTCCCTCCACTTGTGCTTTTGC
CGTTTTCTTACGTGGCTTCTGGCACTTCTGCTGGGGTGGTGGTCTGACCTCCCTTCCCATGCT
GGCACTCTGGTATTACTCACTCACTCACAGAAGGAAAGAACAGACGCTGTTTTCTGAGCCTCGGGCTG
TTCTCACTGGGCTACATGTAATGTGTTCTGCGGGAAGTGGTCCCCAAGGGCGCGTGGGGCCCACTC
AGCTGGCCCTCCTAACCTGCGGGTACTTCTGATACTCTTAGCCTTGTACCGAGCCAAGAAGAATCCAGG
CTACCTCAGCAATGACAAATCCCCAAGCAACAGCCAAATTGAATGCCCGGTCAAAAAGGGCAGGAGAAG
ACCAAAGGTTCCCCGGCACAGACGCCTCGGGGAGCCTCAACAACCGCACACTGAAGGACGATGTTAGGG
GTTCTCCAGGGTGGGGCTTGACAGCCCTGCCAAAGTGAAGGAAGACTGGTGTGCCAAGTCCAGCTAGT
ACGACCCGCCCGGCATGGCATTGCCGGATATGCGGTATCTGTGTACGGAGAATGGACCATTATTGTGTC
TGGATAAATAGCTGCGTCGGAGAATCAAACCATCAAGCATTTATACTTGCCTTTCCATCTTCTGTCTCA
CTTCGGTTTACGGAATATCGCTGACCTTGAACACCATTTGTAGGGATAGAAGCCTCTTACAGCCCTCTT
CTACTGTCCTGGAGTTTACGCTAATTACAGCTCAGCCCTGTCTTACCTGTGTGGTACTCTGTGATC
ATCACAGCCGGCATGGCTACATCTTCTCATCCAGCTGATAAACATCAGCTACAATGTAACGGAGAGGG
AAGTGCAGCAGGCCCTTCGCCAGAAGACAGGGCGCGGCTCTCTGCGGGCTCATCGTGGACACAGGCCA
GTACAACAGGGGCTTCTGCGCAACTGGCTCCAGTTCTCCACCCTGGGCACACACAGTCCACACCCCC
GCCGAAGACATCGTCTGA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



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Restriction Sites:	Sgfl-Mlul
ACCN:	NM_001007460
Insert Size:	1278 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:	<u>NM_001007460.1</u> , <u>NP_001007461.1</u>
RefSeq Size:	1278 bp
RefSeq ORF:	1278 bp
Locus ID:	332175
UniProt ID:	<u>Q5Y5T3</u>
Cytogenetics:	16 B4
Gene Summary:	<p>Palmitoyltransferase that mediates palmitoylation of KCNMA1, regulating localization of KCNMA1 to the plasma membrane. May be involved in NOS1 regulation and targeting to the synaptic membrane (By similarity).[UniProtKB/Swiss-Prot Function]</p> <p>Transcript Variant: This variant (1) represents the longer transcript. Variants 1 and 2 both encode the same protein. Sequence Note: The RefSeq transcript and protein were derived from genomic sequence to make the sequence consistent with the reference genome assembly. The genomic coordinates used for the transcript record were based on alignments.</p>