

Product datasheet for **RN204945**

Zdhhc22 (NM_001039325) Rat Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Zdhhc22 (NM_001039325) Rat Untagged Clone
Tag: Tag Free
Symbol: Zdhhc22
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
Fully Sequenced ORF: >RN204945 representing NM_001039325
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGC**C

ATGCTGGCCTTGGCGCTGCTCAACGTGGTGGCCCCGCCTACTTTCTTTGCATTTCCCTGGTGACCTTCG
TACTGCAGCTCTTCTCTTCTGCCCAGCATGCGTGAGGACCCACAGCCACCCCGCTCTTCTCGCCTGC
CGTGCTTACGGGGCGCTTCTGTTCTCTCAGCCAATGCCCTGGCAATTACATCCTGGTCCGTCAG
AACTCCCCAGACGACCTGGGTGCCTGCCAGGGAACCTCGTCCAGAGACCTCAGCGCCACCACCCAGCA
CCCCTTCTGCCGAGTGTGCGCCGAGTACGCTGAGGCACGACCATCACTGTTTCTTACCAGGCAACTG
CATCGGCAGCAGGAACATGCGCAACTTCACTCTGTTCTGCCTCTACACCTCACTGGCCTGCCTTTACTCC
ATGGTGGCCGGAGTGGCCTATATCTCAGCTGTCTTTCCATCTCCTTCGCCACCCCTGGCCTTCTCA
CGCTCTGCCACTTCAATCAGCCAGTTCTTCTCCGGAGCTGTCTCGGTTCTGACATGTTGTCATCCT
CATGCTTACCTCTGGTTTGTGTGCGCCTGGCCTGCGCCGTTTCTGCTGCCACCAACTGCTGTTGATC
CTCCGGGGCAAACCCGCTACCAGTTTCAAAGGGGGTGGCTGTGAGAGCCCGCCTTGGCGCAAGAACT
TACAGGAGGTCTTCGAAAGAGGTGGCTGCTTGGCTTGGTCCCATGTTCAATGTCCGCACTGAGAG
CTCAAAGCAGCAGGACAAATAG

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
ACCN: NM_001039325
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:	<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_001039325.1 , NP_001034414.1
RefSeq Size:	1119 bp
RefSeq ORF:	792 bp
Locus ID:	299211
UniProt ID:	Q2TGI8
Cytogenetics:	6q31
Gene Summary:	Palmitoyltransferase that mediates palmitoylation of KCNMA1, regulating localization of KCNMA1 to the plasma membrane (By similarity). Might also mediate palmitoylation of CNN3 (By similarity).[UniProtKB/Swiss-Prot Function]