

## Product datasheet for **RN207772**

### Zdhhc23 (NM\_213627) Rat Untagged Clone

#### Product data:

|                      |   |
|----------------------|---|
| Product Type:        | Expression Plasmids   |
| Product Name:        | Zdhhc23 (NM_213627) Rat Untagged Clone  |
| Tag:                 | Tag Free  |
| Symbol:              | Zdhhc23   |
| Synonyms:            | DHHC23; nidd  |
| Vector:              | pCMV6-Entry (PS100001)  |
| E. coli Selection:   | Kanamycin (25 ug/mL)  |
| Cell Selection:      | Neomycin  |
| Fully Sequenced ORF: | >RN207772 representing NM_213627<br>Red=Cloning site Blue=ORF Orange=Stop codon |

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**CGATCGCC**

ATGAAGCCAGTAAAAAAAAAGAAAACCGAAGAGCCTGAATTGGAGCCCCTGTGTTGCTGTGAGTACATAG  
ATCGAAATGGGGAAAAGAACCACGTGGCTGCCTGTTTGTGTGATTGTGAGACCTCGATGAAGGCTGTGA  
CAGATGGCTTACCTGTAATCGCTTCGGCCGGAGACGTGTGAGAGAATCACGGATACGATTTCTGATCGC  
CTCCGAATTCCTTGGCTCCGAGGAGCCAAAAAGTCAATATCAGCATCCTCCCCCACTCGTGCTCTTGC  
CGTTTCTGCTCCGCGTGGCTTCTGGCACTTCTGCTGGGGGTGGTGGTTCTGACCTCCCTGCCATGCT  
GGCACTGTGGTACTACTACCTCACTCACAGAAGGAAAGAGCAGACGCTGTTTTCTTGAGCCTCGGTCTG  
TTCTCCCTGGGCTACATGTAATGTGTTCTTGCAGGAAGTGGTCCCCAAGGGCACGTAGGGCCCGCTC  
AGCTGGCCCTTCTCACCTGCGGGTTATTTCTGATACTCGTAGCCTTGTACCGAGCCAAGAAGAATCCAGG  
CTACCTCAGCAACCCAGCATGCAATGACAAATCCCCAGCAACAGCCAAATCGAATGCCCGATCAAAAA  
GGCAGGAGAAGACCAAGGGTTCCCGGCACAGATACCTCGGGAGCCTTAACAACCGCACACTGAAGG  
ACGATGCTAAGGGCTCCTCCAGGGTGGGGCTTGCAGCCCCGCAATCGAAGGAAGACTGGTGTGCCAA  
GTGCCAGCTAGTGCAGCCCGCCCGGGCGTGGCATTGCCGGATATGCGGTATCTGTGTGAGGAGAATGGAT  
CACCATTGTGCTGGATAAACAGCTGCGTCGGAGAATCAAACCATCAAGCGTTTATACTTCTTTCCA  
TCTTCTTCTCACTTCGGTTTACGGAATATCGCTGACCTTGAACACCATCTGTAGGGACAGAAGCCTCTT  
CACAGCCCTCTTACTGTCTGGAGTTTACGCTAATTACAGCTCAGCTCTATCCTTCACCTGCGTGTGG  
TACTCGGTGATCATCACAGCCGGCATGGCTACATCTTCTCATCCAGCTGATAAACATCAGCTACAATG  
TGACGGAGAGGGAAGTGCAGCAGGCCCTTCGGCAGAAGACGGGGCGCCGGCTCCTCTGTGGGCTCATTGT  
GGACACGGCCAGTACAACAGGGGCTTCTGCGCAACTGGCTCCAGTTCTCCACCCTAGGCACACGCACA  
GTTCCACCCCTGCCGAGGACATTGCT**TAA**

**ACGCGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
ACAAGGATGACGACGATAAGGTTTAA



|                               |   |
|-------------------------------|---|
| <b>Restriction Sites:</b>     | Sgfl-Mlul   |
| <b>ACCN:</b>                  | NM_213627   |
| <b>Insert Size:</b>           | 1290 bp   |
| <b>OTI Disclaimer:</b>        | 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).  |
| <b>Components:</b>            | 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).  |
| <b>Reconstitution Method:</b> | <ol style="list-style-type: none"><li>1. Centrifuge at 5,000xg for 5min.</li><li>2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.</li><li>3. Close the tube and incubate for 10 minutes at room temperature.</li><li>4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.</li><li>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.</li></ol> |
| <b>RefSeq:</b>                | <u><a href="#">NM_213627.2</a></u> , <u><a href="#">NP_998792.2</a></u>   |
| <b>RefSeq Size:</b>           | 1984 bp   |
| <b>RefSeq ORF:</b>            | 1290 bp   |
| <b>Locus ID:</b>              | 363783  |
| <b>UniProt ID:</b>            | <u><a href="#">Q76IC6</a></u>   |
| <b>Cytogenetics:</b>          | 11q21   |
| <b>Gene Summary:</b>          | Palmitoyltransferase that mediates palmitoylation of KCNMA1, regulating localization of KCNMA1 to the plasma membrane (By similarity). May be involved in NOS1 regulation and targeting to the synaptic membrane.[UniProtKB/Swiss-Prot Function]  |