

Product datasheet for RN206499

Zdhhc12 (NM_001013239) Rat Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Zdhhc12 (NM_001013239) Rat Untagged Clone
Tag: Tag Free
Symbol: Zdhhc12
Mammalian Cell Selection: Neomycin
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Fully Sequenced ORF: >RN206499 representing NM_001013239
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGCC**

ATGGCTCTCTGGCCGCTGCTCAACTCTGGGATGCTGGTGCGAACTGGGCACACCGTGTGACCTGGGGAA
 TCACGCTGGTGTCTTCTGCACGACACCGAGCTGCGTCAATGGGAAGAGCAAGGGGAAGTTCCTGCC
 CCTCACTTTCCTGCTCCTGGTGTGGGCTCGCTGCTGCTATCTGGCTGTGTCACTCATGGACCCCGGC
 TATGTGACTGCTCAGCCCAGCCTCAGGAGGAGCCGAAGGAGAACAGACAGCCATGGTTCCTCAGGCTA
 TCCCATTTCGACGCTGCAGATACTGCCTGGTGTGCAGCCCTGCGTGCCCGACACTGTCGTGAGTGCCG
 CCGCTGTGTTTCGTCGCTATGATCACCCTGTCCCTGGATGGAGAAGTGTGTGGGTGAGCGCAACCACCCG
 CTCTTTGTGGCCTACCTGGCACTGCAGCTGGTGGTTCCTCTGTGGGCCTGTACCTGGCATGGTCTGGTC
 TCCAGTCTTCCAGCCCTGGGGCTGTGGCTCCGATCCACTGGGCTCCTGTTACCACCTTCTGCTACT
 CTCCTTCTTGCATTAGTGGTTAGCCTGCTCCTGGCCTCGCACCTCTACCTGGTAGCCAGGAACACTACT
 ACGTGGGAGTTTATCCTCACACCGAATCGCCTACCTCCGCCAGCGCACCAGCAACCCCTTTGACCGAG
 GTCGACTCGAAACCTGGCCACTTTTTCTGTGGTTGGCCCTCTGGGCCCTGGGAGACCCTCTGGGCTGA
 GGAAGAGGAGGAAGGCAGCAGCCAGGTTGT**CTAG**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
ACCN: NM_001013239
Insert Size: 804 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_001013239.1 , NP_001013257.1 |
| RefSeq Size: | 1145 bp |
| RefSeq ORF: | 804 bp |
| Locus ID: | 366014 |
| UniProt ID: | Q6DGF5 |
| Cytogenetics: | 3p12 |
| Gene Summary: | Palmitoyltransferase that could catalyze the addition of palmitate onto various protein substrates. Has a palmitoyltransferase activity toward gephyrin/GPHN, regulating its clustering at synapses and its function in gamma-aminobutyric acid receptor clustering. Thereby, indirectly regulates GABAergic synaptic transmission.[UniProtKB/Swiss-Prot Function] |