

Product datasheet for MC205529

Zdhhc12 (NM_001037762) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Zdhhc12 (NM_001037762) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Zdhhc12
Synonyms:	1190004A01Rik
Mammalian Cell Selection:	Neomycin
Vector:	PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>BC021432 CCACGCGTCCGCGGGCGGGGCCAAGGCCATGGCTCTTTGGCCGCGCTTAACTCTGGGATGCTGGTGCG GACTGGGCACACCGTGCTGACCTGGGGAATCACTCTGGTGCTCTTCTGCACGACACCGAGCTACGCCAA TGGGAAGAGCAAGGGGAGCTGCTCCTGCCCTCACATTCTGCTCCTGGTGCTAAGCTCCCTGCTGCTTT ATCTGGCTGTGCTCACTCATGGACCCCGGCTATGTGACTACTCAGCCCCAGCCTCAGGGCGAGCCCAAGGA GGAACAGGCAGCCATGGTTCTCAGGCCGTCCTCCGCGCTGCAGACACTGTCTGGTGTGCAGCCC CTGCGTGCCCGGCACTGTCGTGATTGCCGCGCTGTGTTGCGCGCTATGATCACCCTGTCCCTGGATGG AGAAGTGTGGGTGAACGCAACCACCCGCTCTTTGTGGCCTACCTGGCACTGCAGCTGGTAGTTCTGCT GTGGGGCTGTGCCTGGCATGGTCTGGCCTTCAGTTCTCCAGCCCTGGGGGCTGTGGCTCCGGTCCACT GGGCTCCTGTTCCACCACCTTCTGCTGCTCCTTCTTCGCGTTAGTGGTTGCCCTGCTCCTGGCCTCCC ACCTCTACCTGGTAGCCAGGAACAGCACTACCTGGGAGTTCATATCTTCACACCGAATCGCCTACCTCCG CCAGCGCACCCAGCAACCCCTTTGACCGAGGGCCGACTCGAAACCTGGCCCACTTTTTCTGTGGTTGGCCC TCTGGGCCCTGGGAGACTCTCTCGGCTGAGGAAGAGGAAGAAGGCAGCAGCCAGGTTGTCTAGGGTTGCT GGAGAGAAGGCTGCTGTTGTGCCTAAAAGCCAGAGGCTGTGCCAGCTAGGGATCAGCCCACTCAGCCTAA GGCCTTTACGTCTTCTAGGGCTTCCAGCCCTCAGGAGAGAAGTACAGAGAACCCTCCACCCCTA AAGGAAGACATAGAAGAAAAGGAAATAAGTTGGGGGAGGGGTGTTAAAAGAGAACCTAGACACTACACAA CCCCTGGCCTGGCTACCTCGAGTGTACAGTTTTATTAATTTAATGCTCTATATAAAGTCAAGTATTA AGAAAAGCCACCCAAAAAAAAAAAAAAAAAAAA
Restriction Sites:	RsrII-NotI
ACCN:	NM_001037762
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:	<u>BC021432</u> , <u>AAH21432</u>
RefSeq Size:	1148 bp
RefSeq ORF:	804 bp
Locus ID:	66220
UniProt ID:	<u>Q8VC90</u>
Cytogenetics:	2 B
Gene Summary:	Palmitoyltransferase that could catalyze the addition of palmitate onto various protein substrates (PubMed:25025157). Has a palmitoyltransferase activity toward gephyrin/GPHN, regulating its clustering at synapses and its function in gamma-aminobutyric acid receptor clustering (PubMed:25025157). Thereby, indirectly regulates GABAergic synaptic transmission (PubMed:25025157).[UniProtKB/Swiss-Prot Function]