

Product datasheet for RN212342

Zdhhc15 (NM_001039101) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Zdhhc15 (NM_001039101) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Zdhhc15
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin
Fully Sequenced ORF:	>RN212342 representing NM_001039101 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCCGCGATCGCC

ATGCGCGGGGCTGGAAGATGGCTCTGTCTGGGGGTTGCGGTGCTGCCGCCGGTACTGTCTGGGTGC
CAGTGCTCGTTATTGTCCTCGTCGTTCTCTGGTCCTACTATGCCTACGTCCTTTGAACTCTGCCTGGTGAC
TGTTTTGAGCCAGCAGAAAAAGTTATCTACCTCATACTCTATCATGCCATTTTTGTGTTCTTTGCATGG
ACCTACTGGAAGTCTATCTTTACACTCCACAGCAGCCCAACCAGAAGTCCACTTGTCTATAACAGACA
AGGAGCGCTATAAAAAATGAAGAGAGACCTGAGGTCAGAAAGCAGATGCTTGTGGATATGGCCAAGAAGCT
ACCAGTGTACACAAGAACCAGGGAATGGAGCTGTACGGTCTGTGACCGGTGTCATCTAATCAAGCCAGAC
CGCTGCCATCACTGTTCTGTCTGTGCCATGTGTGTTTTAAAAATGGACCATATTGCCCATGGGTTAATA
ACTGCATTGGATTTTCCAACACAAATTCTTCTTCAGTTCTTAGCGTATTCCGTTCTCTACTGCCTGTA
CATTGCTACAACAGTCTTCAGCTACTTCATCAAACTGGAGAGGGGAATTGCCAGTGTGCGCTCTAAG
TTCCATGTCTCTTTCTCTTTGTGGCTGCATGTTTTTTGTCAGCCTTGATCTCTTTGGTTACC
ATTGTTGGCTTGTGAGCAGAAACAAAACCTTACCTTAGAGGCCTTCTGCACACCAGTATTTACAAGTGACC
AGAGAAAAATGGGTTCAATCTTGCTTCATCAAGAATATTCAGCAGGTGTTGGCGATAATAAGAAGTTC
TGGTTAATACCTATTGGGTCCAGCCCTGGTGATGGACACTCCTTTCTATGAGGTCTATGAATGAGTCCC
AGAACCCGCTACTGGCAAATGAGGAACCTGGGAAGACAACGAGGATGAAAGTCAAGATTATCCAGAAGG
CTTGTCGTCACCTTGTGTGGAGTCAGAAACATAG

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites:	Sgfl-MluI
ACCN:	NM_001039101
Insert Size:	1014 bp



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OTI Disclaimer: Due to the inherent nature of this plasmid, standard methods to replicate additional amounts of DNA in E. coli are highly likely to result in mutations and/or rearrangements. Therefore, OriGene does not guarantee the capability to replicate this plasmid DNA. Additional amounts of DNA can be purchased from OriGene with batch-specific, full-sequence verification at a reduced cost. Please contact our customer care team at custsupport@origene.com or by calling 301.340.3188 option 3 for pricing and delivery.

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:

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_001039101.1](#), [NP_001034190.1](#)

RefSeq Size: 2901 bp

RefSeq ORF: 1014 bp

Locus ID: 317235

UniProt ID: [Q2TGJ4](#)

Cytogenetics: Xq22

Gene Summary: Catalyzes palmitoylation of Cys residues on target proteins. Catalyzes palmitoylation of GAP43 and DLG4/PSD95.[UniProtKB/Swiss-Prot Function]