

Product datasheet for **RN209607**

Zdhhc17 (NM_001039340) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Zdhhc17 (NM_001039340) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Zdhhc17
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >RN209607 representing NM_001039340
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGCATCGCC**

ATGGCGGACGGCCCGGATGAGTACGATACCGAAACGGGCTGTGTGCCCTTCTCCACCCGGAGGAGATCA
 AACACAGAGCCATTATAACCATGGGTATGGTGAGCCTCTTGGCGGAAAACCCATGTTGATGACTACAG
 CACATGGGACATTGTCAAGGCTACACAATACGGAATATATGAACGCTGCCGAGAATTGGTGAAGCAGGT
 TATGACGTACGGCAACCGGACAAAGAGAACGTTACACTTCTTCACTGGGCTGCCATCAATAACAGAATAG
 ATTTAGTCAAATACTATATTTGAAAGGTGCTATTGTGGATCACTTGGAGGAGACCTGAATTCACTCC
 ATTGCACTGGGCCACAAGACAAGGCCATTTATCCATGGTTGTACAATAATGAAATATGGTGCAGATCCC
 TCATTGATCGATGGTGAAGGGTGCAGCTGTATCCACTGGCTGCTCAGTTGGACATACCTCAATTGTTG
 CTTACCTTATAGCAAAAGGACAGGATGTAGATATGATGGATCAGAACGGAATGACACCTTAAATGTGGGC
 AGCTTATAGAACACATAGTGTGGATCCAACCTAGATTGCTTTTAAACATTCAATGTTTCAGTTAACCTTGGT
 GACAAGTATCACAAAACACTGCTCTGCACTGGGCACTCAGCAGGGAACACCACAGTCATTAGCTTTC
 TTCTGGAAGCTGGAGGGAACGTGGATGCCAGAATGTCAAGGGCGAATCAGCACTTGATTTGGCAAAGCA
 AAGAAAAACGTGTGGATGATCAACATTTGCAGGAGGCAAGGCAGGCGAAGGGTTACGACAACCCGTCC
 TTCCTCAGAAAGCTGAAGGCTGACAAGGAATTCGGCAGAAAGTAATGCTAGGAACTCCATTCTAGTGA
 TTTGGCTAGTTGGGTTTATAGCAGACCTGAACATTGATTCTTGGCTCATTAAAGGGTTAATGTATGGTGG
 TGTTTGGGCTACAGTACAATTTCTTCCAAGTCTTTTTGATCATTCAATGCACAGCGCATTGCCCTT
 GGGATATATTTGGCAACCAAATCTGGATGTATGTGACATGGTCTTCTGGTTTTGGAATGATCTCAGCT
 TCTTATCCATCCACCTGCCCTTCTCGCAACAGTGTGGCTTTTTCTACAATTTTGAAAGTCTTGAA
 ATCAGATCCAGGGATCATTAAAGCTACAGAAGAACAAAAGAAGAAGACAATAGTTGAACTTCAGAGACC
 GGCACTCTGGACCTCAGTATATTCTGCAGCACCTGCTTGATTTCGGAAGCCGGTGAGGTCCAAACTGTG
 GTGTGTGCAACCGCTGTATAGCGAAATTTGATCACCATTGCCATGGGTGGGTAAGTGTGTATGTGCAGG
 CAACCATAGATACTTTATGGGCTACCTATTCTTCTGCTTTTTATGATCTGCTGGATGATTTATGGTTGT
 GTTTCTTACTGGGACTTCACTGTGAGACCACGTACACGAAGGATGGCTTCTGGACATATATTACTCAGA
 TTGCCACATGCTCTCCTGGATGTTTTGGATGTTTCTGAACAGTGTGTTTCATTTATGTGGGTGGCCGT
 GCTACTCATGTGTCAGATGTACCAGATAACATGTTTAGGTATTACTACAAATGAAAGAATGAATGCCAGG
 AGATACAAGCACTTTAAAGTTACAACAACATCTATAGAGAGCCCATCAACCATGGATGTGTAAGGAATA
 TTATAGACTTCTTTGAATTCGATGCTGTGGCCTCTTTCGTCCTGTTATCGTGGACTGGACCAGGCAATA
 CACAATAGAGTATGACCAAAATATCAGGATCTGGGTACCAGCTGGT**AG**

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: Sgfl-Mlul
ACCN: NM_001039340
Insert Size: 1869 bp

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_001039340.1](#), [NP_001034429.1](#)

RefSeq Size: 2904 bp

RefSeq ORF: 1869 bp

Locus ID: 366889

UniProt ID: [E9PTT0](#)

Cytogenetics: 7q22

Gene Summary: Palmitoyltransferase specific for a subset of neuronal proteins, including SNAP25, DLG4/PSD95, GAD2, SYT1 and HTT. May be involved in the sorting or targeting of critical proteins involved in the initiating events of endocytosis at the plasma membrane. May play a role in Mg(2+) transport.[UniProtKB/Swiss-Prot Function]