

## Product datasheet for **MC219953**

### Zdhhc17 (NM\_172554) Mouse Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	Zdhhc17 (NM_172554) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Zdhhc17
Synonyms:	A230053P19Rik; BB187739; D130071N24Rik; Hip14
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



[View online »](#)

**Fully Sequenced ORF:** >MC219953 representing NM\_172554  
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGATCGCC**

ATGCAGCGGGAGGAGGGATTTAACACCAAGATGGCGGACGGCCGGATGAGTACGAGACCGAAACGGGCT  
 GGGTGCCCTTCTCCACCCGGAGGAAATCAAACACAGAGCCACTATAACCATGGCTATGGAGAACCCTCT  
 TGGTCGGAAAACTCATATTGATGACTATAGCACATGGGACATCGTCAAGGCGACACAATATGGAATATAT  
 GAACGCTGCCGAGAATTGGTGAAGCGGGTTACGATGTACGGCAACCAGACAAAGAAAATGTTACTACTTC  
 TTCATTGGGCTGCCATCAATAACAGAATAGATTTAGTCAAATACTATATTTGAAAGGTGCTATTGTGGA  
 TCAACTTGGAGGAGACCTGAATCAACTCCGTTGCACTGGGCCACAAGACAAGGCCATTTATCCATGGTT  
 GTACAATAATGAAATATGGTGCAGACCCCTCCTTAATTGATGGGGAAGGATGCAGCTGTATCCACTTGG  
 CTGCTCAGTTCGGACATACCTCAATTGTTGCTTATCTTATAGCAAAGGACAGGATGTAGATATGATGGA  
 TCAGAATGGAATGACCCCTTTAATGTGGGCAGCTTATAGAACACATAGTGTGGATCCAACACTAGATTGCTT  
 TTAACATTCAATGTTTCAGTTAACCTTGGTGACAAGTATCACAAAAACACTGCTCTGCACTGGGCAGTCC  
 TAGCAGGGAACACCACAGTCATTAGTCTTCTTCTGGAAGCCGGAGGCAATGTGGACGCCAGAACGTCAA  
 GGGTGAGTCAGCACTTGATTTGGCAAAGCAAAGAAAAACGTGTGGATGATCAACCATTTGCAGGAGGCA  
 AGGCAAGCGAAAGGGTATGACAACCCATCCTTCTCAGAAAGCTGAAGGCTGACAAGGAATTTCCGCAGA  
 AAGTAATGCTGGGAACCCATTCTGGTGATCTGGCTGGTGGGTTTATAGCAGACCTAGACATTGATTC  
 TTGGCTCATTAAAGGGTTAATGTATGGTGGCGTTGGGCTACAGTGAATTTCTTCCAAGTCTTCTTT  
 GACCATCAATGCACAGCGCATTGCCCTTGGGATATATTTGGCAACCAATCTGGATGTATGTGACAT  
 GTTTCTTCTGGTTCTGGAATGATCTCAACTTCTGTTTCATCCACTCCCTTCTTCCAACAGCGTTGC  
 TCTTTTCTACAATTTTGGAAAGTCTTGGAAATCAGATCCAGGGATTATTAAGCTACAGAAGAACAAG  
 AAAAAGACGATAGTTGAACTTGCAGAGACTGGAAGTCTGGACCTCAGTATATTCTGCAGTACCTGCTTGA  
 TTCGGAAGCCAGTGAGGTCCAAACTGTGGTGTGCAACCGCTGTATAGCGAAATTTGATCACCATTG  
 CCCATGGGTGGTAACTGTGTAGGTGCAGGCAACCATAGGTACTTTATGGGGTACCTGTTCTTCTGCTT  
 TTCATGATCTGCTGGATGATCTATGGTTGTCTCTTACTGGGCCTTCACTGTGAGACCACGTACACCA  
 AGGATGGGTTTTGGACATACATAACTCAGATCGCCACATGCTCCCGTGGATGTTCTGGATGTTTCTCAA  
 CAGTGTGTTTCACTTCTGTGGTGGCCGTGCTGCTCATGTGTCAGCTGTACCAGATAACATGTTTAGGT  
 ATTACTACAAATGAAAGAATGAACGCCAGGAGATACAAGCACTTTAAAGTTACGACAACATCTATTGAAA  
 GCCCATCAACCATGGATGTGTAAGGAATATTATAGACTTCTTTGAATTCGATGCTGTGGCCTCTTTCCG  
 TCCTGTTATCGTGGACTGGACCAGGCACTACACTATAGAATATGACCAAAATATCAGGATCTGGGTACCAG  
 CTTGTGTAG

**ACGCGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

**Restriction Sites:** SgfI-MluI

**ACCN:** NM\_172554

**Insert Size:** 1899 bp

**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:**

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\\_172554.2](#), [NP\\_766142.2](#)

**RefSeq Size:** 4563 bp

**RefSeq ORF:** 1899 bp

**Locus ID:** 320150

**UniProt ID:** [Q80TN5](#)

**Cytogenetics:** 10 D1

**Gene Summary:** Palmitoyltransferase specific for a subset of neuronal proteins, including SNAP25, DLG4/PSD95, GAD2, SYT1 and HTT (PubMed:15489887, PubMed:15603741, PubMed:25253725). May be involved in the sorting or targeting of critical proteins involved in the initiating events of endocytosis at the plasma membrane (By similarity). May play a role in Mg(2+) transport (By similarity).[UniProtKB/Swiss-Prot Function]  
Transcript Variant: This variant (1) represents the longest transcript and encodes the longest isoform (1).