

## Product datasheet for **MR224789**

### Zdhhc17 (NM\_172554) Mouse Tagged ORF Clone

#### Product data:

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



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ORF Nucleotide  
Sequence:

>MR224789 representing NM\_172554  
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCCGCGATCGCC

ATGCACGGGGAGGAGGGATTTAACACCAAGATGGCGGACGGCCGGATGAGTACGAGACCGAAACGGGCT  
GGTGCCCTTCTCCACCCGGAGGAAATCAAACACAGAGCCACTATAACCATGGCTATGGAGAACCCTCT  
TGGTCGGAAAACTCATATTGATGACTATAGCACATGGGACATCGTCAAGGCGACACAATATGGAATATAT  
GAACGCTGCCGAGAATTGGTGGAGCGGGTTACGATGTACGGCAACCAGACAAAGAAAATGTTACACTTC  
TTCATTGGGCTGCCATCAATAACAGAATAGATTTAGTCAAATACTATATTTCGAAAGGTGCTATTGTGGA  
TCAACTTGGAGGAGACCTGAATTCAACTCCGTTGCACTGGGCCACAAGACAAGGCCATTTATCCATGGTT  
GTACAATAATGAAATATGGTGCAGACCCCTCCTTAATTGATGGGGAAGGATGCAGCTGTATCCACTTGG  
CTGCTCAGTTCGGACATACCTCAATTGTTGCTTATCTTATAGCAAAGGACAGGATGTAGATATGATGGA  
TCAGAATGGAATGACCCCTTTAATGTGGGCAGCTTATAGAACACATAGTGTGGATCCAACACTAGATTGCTT  
TTAACATTCAATGTTTCAGTTAACCTTGGTGACAAGTATCACAAAAACACTGCTCTGCACTGGGCAGTCC  
TAGCAGGGAACACCACAGTCATTAGTCTTCTTCTGGAAGCCGGAGGCAATGTGGACGCCAGAACGTCAA  
GGGTGAGTCAGCACTTGAATTTGGCAAAGCAAAGAAAAACGTGTGGATGATCAACCATTTGCAGGAGGCA  
AGGCAAGCGAAAGGGTATGACAACCCATCCTTCTCAGAAAGCTGAAGGCTGACAAGGAATTTCCGCAGA  
AAGTAATGCTGGGAACCCATTCTGGTGTCTGGCTGGTGGGTTTATAGCAGACCTAGACATTGATTC  
TTGGCTCATTAAAGGGTTAATGTATGGTGGCGTTGGGCTACAGTGAATTTCTTCCAAGTCTCTTT  
GACCATTCAATGCACAGCGCATTGCCCTTGGGATATATTTGGCAACAAATCTGGATGTATGTGACAT  
GGTTCTTCTGGTTCTGGAATGATCTCAACTTCTGTTTCCACCTCCCCTTCTTCCAACAGCGTTGTC  
TCTTTTCTACAATTTTGGAAAGTCTTGGAAATCAGATCCAGGGATTATTAAGCTACAGAAGAACAAAAG  
AAAAAGACGATAGTTGAACTTGCAGAGACTGGAAGTCTGGACCTCAGTATATTCTGCAGTACCTGCTTGA  
TTCGGAAGCCAGTGAGGTCCAAACTGTGGTGTGTGCAACCGCTGTATAGCGAAATTTGATCACCATTG  
CCCATGGGTGGTAACTGTGTAGGTGCAGGCAACCATAGGTACTTTATGGGGTACCTGTTCTTCTGCTT  
TTCATGATCTGCTGGATGATCTATGGTTGTCTCTTACTGGGCCTTCACTGTGAGACCACGTACACCA  
AGGATGGGTTTTGGACATACATAACTCAGATCGCCACATGCTCCCGTGGATGTTCTGGATGTTTCTCAA  
CAGTGTGTTTCACTTCTGTGGTGGCCGTGCTGCTCATGTGTCAGCTGTACCAGATAACATGTTTAGGT  
ATTACTACAAATGAAAGAATGAACGCCAGGAGATACAAGCACTTTAAAGTTACGACAACATCTATTGAAA  
GCCATTCAACCATGGATGTGTAAGGAATATTATAGACTTCTTTGAATTCGATGCTGTGGCCTCTTTG  
TCTGTTATCGTGGACTGGACCAGGCAGTACACTATAGAATATGACCAAATATCAGGATCTGGGTACCAG  
CTTGTG

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
ACAAGGATGACGACGATAAGGTTTAA



**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

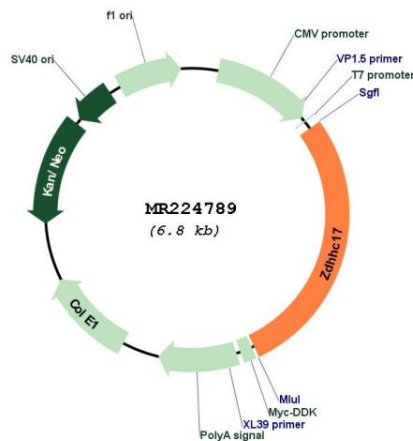
**UniProt ID:** [Q80TN5](#)

**Cytogenetics:** 10 D1

**MW:** 73.1 kDa

**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]

### Product images:



Circular map for MR224789