

## Product datasheet for **SC206612**

### ZDHHC16 (NM\_198046) Human 3' UTR Clone

#### Product data:

**Product Type:** 3' UTR Clones  
**Product Name:** ZDHHC16 (NM\_198046) Human 3' UTR Clone  
**Vector:** pMirTarget (PS100062)  
**Symbol:** ZDHHC16  
**Synonyms:** APH2; DHHC-16  
**ACCN:** NM\_198046  
**Insert Size:** 509 bp  
**Insert Sequence:** >SC206612 3'UTR clone of NM\_198046  
The sequence shown below is from the reference sequence of NM\_198046. The complete sequence of this clone may contain minor differences, such as SNPs.  
**Blue**=Stop Codon **Red**=Cloning site

```
GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAAGCCAAGAAGGGCGGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC
GCTCACTCAGCCTCTGTGATGGCAGTGTGAGCTGGACTGTGTGAGCCAGACTCGAGCACTCATTCTGC
TCCCTATGTTATTTCAAGGGCCTCCAAGGGCAGCTTTTTCAGAATCCTTGATCAAAAAGAGCCAGTGG
GCCTGCCTTAGGGTACCATGCAGGACAATTCAAGGACCAGCCTTTTACCAGTGCAGAAGAAAGACACA
ATGTGGAGAAATCTTAGGACTGACATCCCTTTACTCAGGCAAACAGAAAGTTCCAACCCAGACTAGGGG
TCAGGCAGCTAGCTACCTACCTTGCCAGTGCTGACCCGACCTCCTCCAGGATACAGCACTGGAGTTG
GCCACCACCTCTTCTACTTGCTGTGAAAAAACACCTGACTAGTACAGCTGAGATCTTGCTTCTCAA
CAGGGCAAAGATACCAGGCTGCTGCTGAGGTCAGTCCACTTCTCACATGCTGCTTAAGGGAGCACAA
ATAAAGGTATTGATTTTTAAAGATA
ACGCGTAAGCGGCCGCGCATCTAGATTGAAGAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA
CGAGATTCGATTCCACCGCCGCTTCTATGAAAGG
```

**Restriction Sites:** SgfI-MluI

**OTI Disclaimer:** Our molecular clone sequence data has been matched to the sequence identifier above as a point of reference. Note that the complete sequence of this clone is largely the same as the reference sequence but may contain minor differences, e.g., single nucleotide polymorphisms (SNPs).

**Components:** The cDNA clone is shipped in a 2-D bar-coded Matrix tube as 10 ug dried plasmid DNA. The package also includes 100 pmols of both the corresponding 5' and 3' vector primers in separate vials.

**RefSeq:** [NM\\_198046.3](#)



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**Summary:**

Palmitoyl acyltransferase that mediates palmitoylation of proteins such as PLN and ZDHHC6 (PubMed:28826475). Required during embryonic heart development and cardiac function, possibly by mediating palmitoylation of PLN, thereby affecting PLN phosphorylation and homooligomerization (By similarity). Also required for eye development (By similarity). Palmitoylates ZDHHC6, affecting the quaternary assembly of ZDHHC6, its localization, stability and function (PubMed:28826475). May play a role in DNA damage response (By similarity). May be involved in apoptosis regulation (By similarity). Involved in the proliferation of neural stem cells by regulating the FGF/ERK pathway (By similarity).[UniProtKB/Swiss-Prot Function]

**Locus ID:**

84287

**MW:**

18.5