

## Product datasheet for **SC322223**

### ZDHHC4 (NM\_018106) Human Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	ZDHHC4 (NM_018106) Human Untagged Clone
Tag:	Tag Free
Symbol:	ZDHHC4
Synonyms:	ZNF374
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC (PS100020)
E. coli Selection:	Ampicillin (100 ug/mL)

**Fully Sequenced ORF:** >OriGene sequence for SC322223  
GGAGCCCAGCGGCTGGCGGGCCGCGTCCCACCCACCTCGCCGGAGTCCGGGGCGGCC  
CCGGTGTCCCCTCCGAGCCTGCTGCACTCCACGTCCCCCTACCAGGGCTCCAGCCCCAG  
GGAAATCTCCGACCAGGCCCGCCAGGAGCCAGATCCAGGCTCCTGGAAGAACCATGTCC  
GGCAGCTACTGGTCATGCCAGGCACACACTGCTGCCCAAGAGGAGCTGCTGTTTGAATTA  
TCTGTGAATGTTGGGAAGAGGAATGCCAGAGCTGCCGGCTGAAAATTACCCAACCAAGAG  
AAATCTGCAGGATGGACTTTCTGGTCTCTTCTGTTCTACCTGGCTTCGGTGTGATGG  
GTCTTGTCTTATCTGCGTCTGCTCGAAAACCCATAGCTTGAAGGCCTGGCCAGGGGAG  
GAGCACAGATATTTTCTGTATAATTCCAGAATGTCTTCAGAGAGCCGTGCATGGATTGC  
TTCATTACCTTTCCATACGAGAAACCACACCTTCATTGTCTGCACCTGGTCTTGCAAG  
GGATGGTTTATACTGAGTACACCTGGGAAGTATTTGGCTACTGTCAGGAGCTGGAGTTGT  
CCTTGCATTACCTTCTTCTGCCCTATCTGCTGCTAGGTGTAACCTGTTTTTTTTACCC  
TGACTTGTGGAACCAATCCTGGCATTATAACAAAAGCAAATGAATTATTATTTCTTCATG  
TTTATGAATTTGATGAAGTGATGTTTCCAAAGAACGTGAGGTGCTCTACTTGTGATTTAA  
GGAAACCAGCTCGATCCAAGCACTGCAGTGTGTGTAACCTGGTGTGTGCACCGTTTCGACC  
ATCACTGTGTTTGGTGAACAACTGCATCGGGGCTGGAACATCAGGTACTTCCTCATCT  
ACGTCTTGACCTTGACGGCCTCGGCTGCCACCGTCGCCATTGTGAGCACCACCTTTCTGG  
TCCACTTGGTGGTGTGTCAGATTTATACCAGGAGACTTACATCGATGACCTTGGACACC  
TCCATGTTATGGACACGGTCTTTCTTATTACGTACCTGTTCTCTGACTTTTCCACGGATTG  
TCTTCATGCTGGGCTTTGTGCTGTTCTGAGCTTCTCCTCCTGGGTGGCTACCTGTTGTTTG  
TCCTGTATCTGGCGGCCCAACCAAGACTACTAACGAGTGGTACAGAGGTGACTGGGCT  
GGTGCCAGCGTTGCCCCCTGTGGCCTGGCCTCCGTGAGCAGAGCCCAAGTCCACCGGA  
ACATTCACCTCCCATGGGCTTCGGAGCAACCTTCAAGAGATCTTTCTACCTGCCTTTCCAT  
GTCATGAGAGGAAGAAACAAGAATGACAAGTGTATGACTGCCTTTGAGCTGTAGTTCCCG  
TTTATTTACACATGTGGATCCTCGTTTTCCAAAAAAAAAAAAAAAAAAAA

**Restriction Sites:** Please inquire



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<b>ACCN:</b>	NM_018106
<b>OTI Disclaimer:</b>	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).
<b>OTI Annotation:</b>	This TrueClone is provided through our Custom Cloning Process that includes sub-cloning into OriGene's pCMV6 vector and full sequencing to provide a non-variant match to the expected reference without frameshifts, and is delivered as lyophilized plasmid DNA.
<b>Components:</b>	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).
<b>Reconstitution Method:</b>	<ol style="list-style-type: none"><li>1. Centrifuge at 5,000xg for 5min.</li><li>2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.</li><li>3. Close the tube and incubate for 10 minutes at room temperature.</li><li>4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.</li><li>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.</li></ol>
<b>RefSeq:</b>	<u><a href="#">NM_018106.2</a></u> , <u><a href="#">NP_060576.1</a></u>
<b>RefSeq Size:</b>	1704 bp
<b>RefSeq ORF:</b>	1035 bp
<b>Locus ID:</b>	55146
<b>UniProt ID:</b>	<u><a href="#">Q9NPG8</a></u>
<b>Cytogenetics:</b>	7p22.1
<b>Domains:</b>	zf-DHHC
<b>Protein Families:</b>	Transmembrane
<b>Gene Summary:</b>	Palmitoyltransferase that could catalyze the addition of palmitate onto protein substrates including the D(2) dopamine receptor DRD2.[UniProtKB/Swiss-Prot Function] Transcript Variant: This variant (3) differs in the 5' UTR compared to variant 1. All four variants encode the same protein.