

Product datasheet for **SC113714**

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:	None
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	>OriGene ORF within SC113714 sequence for NM_018106 edited (data generated by NextGen Sequencing)

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ATGGACTTCTGGTCCTCTTCTTGTCTACCTGGCTTCGGTGCTGATGGGCTTGTCTCT  
ATCTGCGTCTGCTCGAAAACCCATAGCTTGAAAGCCTGGCCAGGGGAGGAGCACAGATA  
TTTTCTGTATAATTCCAGAATGTCTTCAGAGAGCCGTGCATGGATTGCTTCATTACCTT  
TTCCATACGAGAAACCACACCTTCATTGTCTGCACCTGGTCTTGCAAGGGATGGTTTAT  
ACTGAGTACACCTGGGAAGTATTTGGCTACTGTCAGGAGCTGGAGTTGTCCTTGCATTAC  
CTTCTTCTGCCCTATCTGCTGCTAGGTGTAACCTGTTTTTTTTTACCCTGACTTGTTGA  
ACCAATCTGGCATTATAACAAAAGCAAATGAATTATTATTTCTCATGTTTATGAATTT  
GATGAAGTGATGTTTCAAAGAACGTGAGGTGCTCTACTTGTGATTTAAGGAAACCAGCT  
CGATCCAAGCACTGCAGTGTGTGTAACCTGGTGTGTGCACCGTTTTCGACCATCACTGTGTT  
TGGGTGAACAACCTGCATCGGGGCCTGGAACATCAGGTACTTCCTCATCTACGTCTTGACC  
TTGACGGCCTCGGCTGCCACCGTCGCCATTGTGAGCACCACCTTTTCTGGTCCACTTGGTG  
GTGATGTCAGATTTATACCAGGAGACTTACATCGATGACCTTGGACACCTCCATGTTATG  
GACACGGTCTTTCTTATTTCAGTACCTGTTCCCTGACTTTTCCACGGATTGTCTTCATGCTG  
GGCTTTGTGCGTGGTTCTGAGCTTCTCCTGGGTGGCTACCTGTTGTTTGTCTGTATCTG  
GCGGCCACCAACCAGACTACTAACGAGTGGTACAGAGGTGACTGGGCCTGGTGCCAGCGT  
TGTCCCCTTGTGGCCTGGCCTCCGTGAGCAGAGCCCCAAGTCCACCGGAACATTCCTCC  
CATGGGCTTCGGAGCAACCTTCAAGAGATCTTTCTACCTGCCTTTCATGTCATGAGAGG  
AAGAAACAAGAATGA
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Clone variation with respect to NM_018106.3



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5' Read Nucleotide Sequence:	<p>>OriGene 5' read for NM_018106 unedited</p> <pre>TATATTTGTATACGACTCACTATAGGGCGGCCGCAATTCGCACGAGGCTCGTGCCGA ATTCGGCAGGAGCCGGAGCCAGCGGCTGGCGCCAGATCCAGGCTCCTGGAAGAACCAT GTCCGGCAGCTACTGGTCATGCCAGGCACACACTGCTGCCAAGAGGAGCTGCTGTTGA ATTATCTGTGAATGTTGGGAAGAGGAATGCCAGAGCTGCCGGTGAAAATTACCAACCA AGAGAAATGTAGGCTGGTACCCTGAATCACCCCTGCAGGATGGACTTTCTGGTCTCT TCTTGTTCACCTGGCTTCGGTCTGATGGGCTTGTTCCTTATCTGCGTCTGCTCGAAAA CCCATAGCTTGAAAGCCCTGGCCAGGGGAGGACAGATATTTTCTGTATAAATCCAG AATGTCTTCAGAGAGCCGTGCATGGATTGCTTCATTACCTTTTCCATACGAGAAACCACA CCTTCATTGTCCTGCACCTGGTCTTGCAAGGGATGGTTTATACTGAGTACACCTGNGAAG TATTTGGCTACTGTCAGGAGCTGGAGTTGCTTGCATTACCTTCTTCTGCCCTATCTGC TGCTAGGTGTAACCTGTTTTTTTTTACCCTGACTTGTGGAACCAATCCTGGCATTATA ACAAAAGCAAATGAATTATTATTTCTTCATGTTTATGAATTTGATGAAGTATGTTTCCA AAGAACGTGAGGTGCTCTACTTGTGATTAANNGAACAGCTCGATCCAAGCACTGCAGTG TGTGTAACCTGGTGTGTGCACCGTTTCGACCATCACTGTGTTGGGTGAACACCTGCATCG GNGCCTGGAACATCANGTACTTCCTCATTACGCTTGACCTTGACGGNCCTCGCTGCCA CCGTCCGCAATTGTGAGCACCCACTTTCTGTCCACTTGTGGNGATGTCAGATTTATACCAG AGACTACTTCGATGACCTTGAACCTCCT</pre>
3' Read Nucleotide Sequence:	<p>>OriGene 3' read for NM_018106 unedited</p> <pre>CGCGGCCCAATCTAGNATCGAGTTTTTTTTTTTTTTTTTTTTTGGAAAACGAGGATCCACAT GTGTAATAAACGGGAACACAGCTCAAAGGCAGTCATACTTGCATTCTTGTTCCTT CCTCTCATGACATGGAAGGCAGGTAGAAAGATCTTGAAGGTTGCTCCGAAGCCCATG GGAGTGAATGTTCCGGTGGACTTGGGGCTCTGCTGACGGAGGCCAGGCCACAAGGGGACA ACGCTGGCACCAGGCCAGTCACCTCTGTACCACTCGTTAGTAGTCTGGTTGGTGCCGC CAGATACAGGACAAACAACAGGTAGCCACCCAGGAGGAAGCTCAGAACCACGACAAAGCC CAGCATGAAGACAATCCGTGGAAAAGTCAGGAACAGGTAAGTGAATAAGAAAAGACCGTGTC CATAACATGGAGGTGTCGAAGGTGTCGATGTAAGTCTCCTGGTATAAATCTGACATCAC CACCAAGTGGACCAGAAAAGTGGTGTGCTCACAATGGCGACGGTGGCAGCCGAGGCCGTC GGTCAAGACGTAGATGAGGAAGTACCTGATGTTCCAGGCCCGATGCAGTTGTTACCCCA AACACAGTGAATGTCGAAACGGTGCACACACACAGTTACACACACTGCAGTCTTGGATCG AGCTGGTTTTCTTAAATCACAAGTAGAGCACCTCACGTTCTTTGGAAACTCACTTCATCA AATTCATAAACATGAAGAAATAAATTCATTTGCTTTTGTATTAATGCCAGGATTGGT TCCACAAGTCAGGNTGAAAAAAAACAGTTTACACCTANAGCANATAGGGCANAATAAG GTATGCANGGACCACTCCAGCTCCTGACAGTAGCCAAATACTTNCAGTGTACTCNAGT ATAACCATCCCTTNGCAGACAAGTGCAGACAATGTAAGGGTTGGTTTCTG</pre>
Restriction Sites:	NotI-NotI
ACCN:	NM_018106
Insert Size:	1340 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:	<ol style="list-style-type: none">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:	<u>NM_018106.2</u> , <u>NP_060576.1</u>
RefSeq Size:	1704 bp
RefSeq ORF:	1035 bp
Locus ID:	55146
UniProt ID:	<u>Q9NPG8</u>
Cytogenetics:	7p22.1
Domains:	zf-DHHC
Protein Families:	Transmembrane
Gene Summary:	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.