

## Product datasheet for **SC122969**

### ZDHHC11 (NM\_024786) Human Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	ZDHHC11 (NM_024786) Human Untagged Clone
Tag:	Tag Free
Symbol:	ZDHHC11
Synonyms:	ZNF399
Mammalian Cell Selection:	None
Vector:	<u><a href="#">pCMV6-XL5</a></u>
E. coli Selection:	Ampicillin (100 ug/mL)



[View online »](#)

**Fully Sequenced ORF:**

```

>OriGene sequence for NM_024786 edited
CAGATGGACACCCGCTCCGGGAGCCAGTGTTCCTGCACCCAGAAAGCCATACTCAATAAT
GAAAAGCTGGTCTTGCCGCCCGCATCTCCAGAGTGAACGGCTGGTTCGTTACCCCTGCAC
TACTTCCAGGTGGTGACCTGGGCTGTCTTCGTGGGCTTCTCGGCCACCTTCGGGATC
TTCTCGTTCCACCTCGTGTCCACCTGATCGCGTCCCTGCATCGACCCGGCCGACTCCAAT
GTCAGACTCATGAAGAATACTTTCAGCCCATGCCCTTTCGACAGATCAAAACATGCA
CACGTGATCCAGAATCAGTTCTGCCACCTGTGCAAGGTACCGTGAACAAGAAAACAAA
CACTGCATTTCTGCAATAAGTGTGTCCGGCTTCGACCACCACTGCAATGGATCAAC
AACTGCGTGGGAAGCCGGAATTATTGGTTCTTCTCAGCACTGTGGCCTCGGCCACAGCT
GGCATGCTCTGCCTGATCGCCATCCTGTGTATGTCTCGTCCAGTACCTCGTGAACCC
GGGGTGTCCGCACGGACCCAGGTATGAAGATGTCAAGAATATGAACACGTGGCTGCTG
TTCTCCCTGTTCGGTGCAGGTGCAGACCCTGATAGTCGTGATCATCGGGATGCTC
GTGCTCCTGCTGGACTTCTGGCTTGGTGCACCTGGGCCAGCTGCTCATCTCCACATC
TACCTGAAGGCCAAGAAGATGACCACCTTGTAGTATCTCATTAAACCGCAAAGAAGAG
AGTTCAAAACATCAAGCAGTGAAGAAAGATCCATACGTGCAAATGGACAAGGAGTTCTC
CAGCAAGGAGCTGGCGCCTGGGCTCATCTGCACAGGGAGTCAAAGCCAAGAGCTCCCTG
CTGATTCACAAGCACTTATGTCACTTCTGCACTTCAGTAAACCAGGATGGGGATTCGACG
GCACGGGAAGGGGATGAAGACCCGTGTCCATCTGCACTTGGAGCCAAGGCCAGGAACTCC
CGGCTGATTTGCAGGGCCTGTGTCACTTCTCCACTCGTGTACACCCAGACGGGGCTCG
ATGGCAGAGGAAGCAGATGATGCCCCGAGTATATCTACACTTGGGCTGCAACAAGAAACA
ACAGAGCCCATGAAAACAGCAGTGTGAAAGTGAAGACTGAAATTCAGGAGCTCAGGTG
CCCTGTGATCCAGTCTTCTACCCTGAAACCCACCCTCCATCAAGTCTGCTGTAG
AGTCTACCTTGCAAAGCCTCCTGCTCCTACCCATGCTACAGGCCAGGAACCAGAGCCCAT
CATCTCAGAGGCCCTGGATGTCTTTCGAAGGAACCAGGACCCTCAGAGCCAGCATCCA
TCTCTGCATCATCTTCATCACACCCAAAGAAGAGCCAGCCTTGCAGGAGGGTTTACATC
TCCAGGAAGATGGGCTGCCAGCAACTGCAGAGGATGCAGCCACCTGCTTAACTGTGCTGT
CCAGCCAGCCAGCCAGCTGCAGGGCCTTGTGCTTAAAGAGCTGATGGGCCGGGCATGT
TGGCTCACACCTGTGAGCACAGTACTGGGAAATGGGAGCACAGTACTAGGAAATGGGAGC
ACAGTACTGGGAAATGGGAGCACAGTACTGGGAAATGGGGCTCACAGCACTGCAAAATG
GGAGCACAGTATTGGGAAATGGGAGCACAGTACTGGGAAATGGGAGCACAGTACTGAGAA
GTGGGAGCACAGTACTGAGAAATGGGAGTACACTACTGAGAAATGGGAGCACAGTACTGG
GAAATGGGCATACAGTACTGGGAAATGGGCATACAGTACTGAGAAATGGGAGCACAGTAC
TGGGAAATGGGAGCACAGTACTGGGAAATGGGAGCCCACAGTACTGGGAAAGGGGAGTTC
ACAGTACTCGGAAATGGGAGCATAGTACTGGGAAATGGGAGCACAGTACTGGGAAATGGG
AGCATAGTACTGGGAAACCCAGACCTGGATTCTGAGTTTTTCAGCCTAGCCAGACTTC
TTATCTTAGTAGACAAAAAGAGTCAATACCGGAGAACCAGAGGCATCCTCTGTATTTTAA
TGAACCTGCATTTTAACTGTCTTAGTAGTCATTTTTTAAAGATAATCAGTTTTTCCAAA
TATATCTATAAGTTACTACGTGCAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAA
AAAA
    
```

<b>5' Read Nucleotide Sequence:</b>	>OriGene 5' read for NM_024786 unedited NNGGAGGTCAAAATTTGTATACGACTCACTATAGGCGGCCGCGNATTCCTCCGGGATCAGNA GGACACCCGCTCCGGGAGCCAGTGTTCGTCACCCCANAAAGCCATACTCAATAATGAAAA GCTGGTCTTGCCGCCCGCATCTCCAGAGTGAACGGCTGGTTCGTTACCCCTGCACTACTT CCAGGTGGTGACCTGGGCTGTCTTCGTGGGCCTTCTCGGCCACCTTCGGGATCTTCAT TCCCTTCTGCCTCACGCGTGAAATACATTGCCTACGTGGTGACCGGGGGGATCTTCTC GTTCCACCTCGTCCACCTGATCGCGTCCATCGACCGCCGCGGACTCCAATGTCCAG ACTCATGAAGAATACTTCTCAGCCCATGCCCTCTTCGACAGATCAAAACATGCACACGT GATCCAGAATCAGTTCTGCCACCTGTGCAAGGTACCCGTGAACAAGAAAACCAAACTG CATTTCCTGCAATAAGTGTGTGTCGGCTTCGACCACCACTGCAATGGATCAACAACCTG CGTGGGAAGCCGAATTATTGGTTCTTCTCAGCACTGTGGCCTCGGCCACAGCTGGCAT GCTCTGCCTGATCGCCATCCTGCTGTATGTCTCGTCCAGTACCTCGTGAACCCCGGGT GCTCCGCACGGACCCAGGTATGAAGATGTCAAGAATATGAACACGTGGTGTCTTCTCT CCCCTGTTCCCGGTGCANGTGCAGACCCTGATAGTCGTGATCATCGGGATGCTCGTGTCT CCTGCTGGACTTCTTGGCTTGGTGACACNTGGCCAGCTGCTCATCTTTCACATCTACCT GAAAGCCAANAAGATGACCACCTTTGATATCTCATTAAATAACCGCCAAAAGAGAGTTC AAAACATCA
<b>Restriction Sites:</b>	Please inquire
<b>ACCN:</b>	NM_024786
<b>Insert Size:</b>	2284 bp
<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>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_024786.1</a></u> , <u><a href="#">NP_079062.1</a></u>
<b>RefSeq Size:</b>	2623 bp
<b>RefSeq ORF:</b>	1239 bp
<b>Locus ID:</b>	79844
<b>UniProt ID:</b>	<u><a href="#">Q9H8X9</a></u>
<b>Cytogenetics:</b>	5p15.33
<b>Protein Families:</b>	Transmembrane

**Gene Summary:**

Endoplasmic reticulum-localized palmitoyltransferase that could catalyze the addition of palmitate onto various protein substrates and be involved in a variety of cellular processes (By similarity). Has a palmitoyltransferase activity toward NCDN and regulates NCDN association with endosome membranes through this palmitoylation (By similarity). May play a role in cell proliferation (PubMed:28331227).[UniProtKB/Swiss-Prot Function]