

## Product datasheet for **SC113301**

### ZDHHC13 (NM\_019028) Human Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	ZDHHC13 (NM_019028) Human Untagged Clone
Tag:	Tag Free
Symbol:	ZDHHC13
Synonyms:	HIP3RP; HIP14L
Mammalian Cell Selection:	None
Vector:	<u><a href="#">pCMV6-XL5</a></u>
E. coli Selection:	Ampicillin (100 ug/mL)



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Fully Sequenced ORF: >OriGene ORF within SC113301 sequence for NM\_019028 edited (data generated by NextGen Sequencing)

```
ATGGAGGGGCGGGGCTGGGCTCGCAGTGCAGGAATCACAGCCATGGCCCCACCCTCCA
GGATTTGGTTCGATATGGCATCTGTGCACATGAAAAACAAGAACTTGCCAATGCAAGAGAA
GCTCTTCTCTTATAGAGGACTTAGTAAGTGTGACATTGTCAAAGCTACTCAATACGGA
ATTTTTGAACGATGTAAGAGTTGGTAGAAGCAGGATATGATGTCAGGCAACCAGATAAA
GAAAATGTGTCGCTTCTTATTGGGCTGCTATTAACAACAGACTGGATCTTGTAAAGTTT
TATATTTCAAAAAGGTGCTGTTGTAGATCAGTTGGGTGGAGATTTAAATCAACTCCTCTT
CACTGGGCCATCCGACAAGGACATTTACCTATGGTCATATTACTCCAGCATGGTGCA
GACCCCACTCTTATTGATGGAGAGGGATTACAGCAGCATCCACCTGGCAGTATTGTTTCAA
CACATGCCTATTATAGCATATCTCATCTCAAAGGGACAGAGTGTGAATATGACAGATGTA
AATGGGCAGACACCTCTCATGTTATCAGCTCACAAAGTAATTGGGCCAGAACCAACTGGA
TTTCTTTTAAAGTTTAACTCTCTCAATGTGGTTGATAAAAACACCAAAACTCCA
CTTCACTGGGCAGTTGCAGCAGGAAATGTTAATGCAGTTGATAAGCTTTTGAAGCTGGT
TCTAGCCTGGATATCCAGAATGTTAAGGGAGAAACACCTCTTGATATGGCTCTACAAAAC
AAAAATCAGCTCATTATTCATATGCTAAAAACAGAAGCCAAAATGAGAGCCAACCAAAAG
TTCAGACTTTGGAGGTGGCTGCAGAAATGCGAGCTCTTCTGCTGCTGATGCTTTCTGTG
ATTACCATGTGGGCTATTGGATACATATTGGACTTCAATTCAGATTCTTGGCTTTTAAAA
GGATGTCTTCTAGTAACACTGTTTTTCTGACATCTTTGTTTCCAAGTTCTTGGTTGGG
TATAAGAACCTTGTATACTTACCAACAGCCTTTCTGCTAAGTTCTGTTTTTGGATATT
ATGACTTGGTTCATCTTATTTTTCTGATTTAGCAGGAGCCCCCTTCTATTTTCAGTTTC
ATTTTCAGCATAGTAGCCTTTCTATACTTTTTCTATAAGACTTGGGCAACTGATCCAGGC
TTCCTAAGGCTTCTGAAGAAGAAAAGAAAGTGAATATCATACCCTTGCAGAACTGGC
TCTCTGGACTTCAGAACATTTTGTACATCATGTCTTATAAGGAAGCCATTAAGGTCACTC
CACTGCCATGTATGCAACTGCTGTGTGGCTCGATATGATCAACACTGCCTGTGGACTGGA
CGGTGCATAGGTTTTGGCAACCATCACTATTACATATTCTTCTGTTTTTCTTTCCATG
GTATGTGGCTGGATTATATAGGATCTTTCATCTATTTGTCCAGTCATTGTGCCACAACA
TTCAAAGAAGATGGATTATGGACTTACCTCAATCAGATTGTGGCCTGTTCCCTTGGGTT
TTATATATCTTGATGCTAGCAACTTTCCATTTCTCATGGTCAACATTTTTATTATTAAT
CAACTCTTTCAGATTGCCTTTCTGGCCTGACCTCCCATGAGAGAATCAGCCTGCAGAAG
CAGAGCAAGCATATGAAACAGACGTTGCCCTCAGGAAGACACCATACAATCTTGGATTC
ATGCAGAACCTGGCAGATTTCTTTCAGTGTGGCTGCTTTGGCTTGGTGAAGCCCTGTGTG
GTAGATTGGACATCACAGTACACCATGGTCTTTCACCCAGCCAGGAGAGGTTCTTCGC
TCAGTATGA
```

Clone variation with respect to NM\_019028.2

296 a=>g

**5' Read Nucleotide Sequence:**

>OriGene 5' read for NM\_019028 unedited  
 AAGTTGGATTTGTATCCGACTTATATAGGCGGCCGCGCAATTCGCACGAGCCAAGCGGGC  
 TGGCGGGCTGGCGGCAGTCGCTACTTGCCTAGTAGCCTCAGCCGCTGTGGGCTCCTGGGG  
 AGATGGAGGGGCCGGGCTGGGCTCGCAGTGCAGGAATCACAGCCATGGCCCCACCCCTC  
 CAGGATTTGGTCGATATGGCATCTGTGCACATGAAAACAAAGAACTTGCCAATGCAAGAG  
 AAGCTCTTCTCTTATAGAGGACTCTAGTAACTGTGACATTGTCAAAGCTACTCAATACG  
 GAATTTTTGAACGATGTAAGAGTTGGTAGAAGCAGGATATGATGTCAGGCAACCAGATA  
 AAGAAAATGTGTGCTTCTTCATTGGGCTGCTATTAACAACAGACTGGATCTTGTAAAGT  
 TTTATATTTCAAAGGTGCTGTTGTAGATCAGTTGGGTGGAGATTTAAATTCAACTCCTC  
 TTCCTGGGCCATCCGACAAGGACATTTACCTATGGTCATATTACTCCAGCATGGTG  
 CAGACCCACTCTTATTGATGGAGAGGATTACAGCAGCATCCACCTGGCAGTATTGTTTC  
 AACACATGCCTATTATAGCATATCTCATCTCAAGGACAGAGTGTGAATATGACAGATGT  
 AAATGGGCAGACACCTCTCATGTTATCAGCTCACAAAGTAATTGGGCCAGAACCAACTGG  
 ATTTCTTTANAGTTTAATCCTTCTCTCAATGTGGTTGATAAAAACACCANAACACTCC  
 ACTTCACTGGGCAGTTGCAGCAGGAAATGTTAATGCAGTTGATAAGCTTTTGGAACTGG  
 TTCTAGCCTGGATATCCAGAATGGTTAGGGAGAAACACCTCTTGATATGGCTCTACANAC  
 ANAATCAGCTCATTATTCTATGCT

**3' Read Nucleotide Sequence:**

>OriGene 3' read for NM\_019028 unedited  
 GCTTTTGTNTGCACCGCGCCCGCTTTCTANGATCGAGTTTTTTTTTTTTTTTTTTTACA  
 AAAAAAATTTTTATTAAGTGGTGAAAGCAAAACAGGTACATCTATTTAAATTTTTTTT  
 ACATATTTATAGATACAACAAAGACAAAATAACTTAGCAAAAATTACAAGTTTAAAGAATA  
 GTACTATTTTGAACAGCCAATATAGTATCTGAAAATATTCATTTTATCCATAATCAGT  
 GAGTATATTTCCAAAAAAGTAACTTGCATTTTCTTGTGAAAAATATGGCTTTTTTTTT  
 AGATGTCTGCCAAGATTTATCAGAAAAGTCCATCTTTTTAAACCTAAAAAATGTAAACGC  
 CTTTATTGAGAACTTTCTTTACCTAATGGCTTTAAAAACCACGTGTTCCCTTTGGACTT  
 AGGGGAATCCTAAATCTTTACTTCACTTTCAAACCTACCGGGCATCGACTTAAACAAAAAC  
 ACATCAGACTGATAGTTTCGCGTTGCTTTTCCCATACTGAGCGACGAACCCTCTCCCTG  
 GTTGGGTGACAGACATGGTCTCTGGGTTGTTCACTCTACCAAACAGGGCCTCACCAACC  
 CAACGTAGGCACACTGAAAGAAATTTGTTAGCTTCTGGTTGCATTCAGATTGTTTGGTG  
 CTTTACTGGGGGACCCCGTTGTCCCATAGCCTGCCTGCTCCGGAGGCTGATCTTCTAG  
 GGAAGGCCATCCCTCACCGCCATCCGCAGACCTGTCCCAATCCTAGATGCTCCCTCCGC  
 TTAAGTGCACACCTCCCTCCATTCTCTATATTACCCATGGGACAGGGTTATACCTCACGG  
 GGGCCGTCCTCAATCTATCTCTCACTGCTGGGCCATGTCTTCTATCCCCCCN

**Restriction Sites:**

NotI-NotI

**ACCN:**

NM\_019028

**Insert Size:**

2500 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).

<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>NM_019028.2</u> , <u>NP_061901.2</u>
<b>RefSeq Size:</b>	2448 bp
<b>RefSeq ORF:</b>	1869 bp
<b>Locus ID:</b>	54503
<b>UniProt ID:</b>	<u>Q8IUH4</u>
<b>Cytogenetics:</b>	11p15.1
<b>Domains:</b>	zf-DHHC, ANK
<b>Protein Families:</b>	Transmembrane
<b>Gene Summary:</b>	Palmitoyltransferase for HTT and GAD2. May play a role in Mg(2+) transport. [UniProtKB/Swiss-Prot Function] Transcript Variant: This variant (1) represents the longer transcript and encodes the longer isoform (1).