

## Product datasheet for **RG208713**

### ZDHHC13 (NM\_001001483) Human Tagged ORF Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	ZDHHC13 (NM_001001483) Human Tagged ORF Clone
Tag:	TurboGFP
Symbol:	ZDHHC13
Synonyms:	HIP3RP; HIP14L
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)



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**ORF Nucleotide Sequence:**

>RG208713 representing NM\_001001483  
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGGATCGCC**

ATGGTCATATTACTCCAGCATGGTGCAGACCCCACTTTATTGATGGAGAGGGATTACGAGCATCC  
 ACCTGGCAGTATTGTTTCAACACATGCCTATTATAGCATATCTCATCTCAAAGGGACAGAGTGTGAATAT  
 GACAGATGTAATGGGCAGACACCTCTCATGTTATCAGCTCACAAAGTAATTGGGCCAGAACCAACTGGA  
 TTTCTTTTAAAGTTAATCCTTCTCTCAATGTGGTTGATAAAAATACACAAAAACTCCACTTCACTGGG  
 CAGTTGCAGCAGGAAATGTTAATGCAGTTGATAAGCTTTTGAAGCTGGTTCTAGCCTGGATATCCAGAA  
 TGTTAAGGGAGAAACACCTCTTGATATGGCTCTACAAAACAAAAATCAGCTCATTATTATGCTAAAA  
 ACAGAAGCCAAAATGAGAGCCAACCAAAAGTTCAGACTTTGGAGGTGGCTGCAGAAATGCGAGCTTCC  
 TGCTGCTGATGCTTTCTGTGATTACCATGTGGCTATTGGATACATATTGGACTTCAATTCAGATTCCTG  
 GCTTTTAAAGGATGTCTCTAGTAACACTGTTTTTCTGACATCTTTGTTTCCAAGTTCTTGGTTGGG  
 TATAAGAACCTTGATATACTACCAACAGCCTTTCTGCTAAGTTCTGTTTTTGGATATTTAGACTTGGT  
 TCATCTTATTTTTCTGATTTAGCAGGAGCCCTTTCTATTTCAAGTTTCAATTTTTCAGCATAGTAGCCTT  
 TCTATACTTTTTCTATAAGACTTGGCAACTGATCCAGGCTTCACTAAGGCTTCTGAAGAAGAAAAGAAA  
 GTGAATATCATCACCTTGCAGAAACTGGCTCTCTGGACTTCAGAACATTTTGTACATCATGTCTTATAA  
 GGAAGCCATTAAGGCTCACTCCACTGCCATGTATGCAACTGCTGTGTGGCTCGATATGATCAACACTGCCT  
 GTGGACTGGACGGTGCATAGGTTTTGGCAACCACACTATTACATATTCTTCTTGTTTTTCTTTCCATG  
 GTATGTGGCTGGATTATATGGATCTTTCATCTATTGTCCAGTCATTGTGCCACAACATTCAAAGAAG  
 ATGGATTATGGACTTACCTCAATCAGATTGTGGCCTGTTCCCCTTGGGTTTTATATATCTTGATGCTGAC  
 AACTTTCCATTTCTCATGGTCAACATTTTTATTATTAATCAACTCTTTCAGATTGCCTTTCTGGGCCTG  
 ACCTCCCATGAGAGAATCAGCCTGCAGAAGCAGAGCAAGCATATGAAACAGACGTTGCCCCTCAGGAAGA  
 CACCATACAATCTGGATTATGCAAGAACCTGGCAGATTTCTTTCAAGTGTGGCTGCTTTGGCTTGGTGAA  
 GCCCTGTGTGGTAGATTGGACATCACAGTACACCATGGTCTTTCACCCAGCCAGGGAGAAGGTTCTTCGC  
 TCAGTA

**ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAA**

**Protein Sequence:**

>RG208713 representing NM\_001001483  
 Red=Cloning site Green=Tags(s)

MVILLQHGADPTLIDGEGFSSIHAVLFQHMPPIAYLISKQSVNMTDVNGQTPLMLSAHKVIGPEPTG  
 FLLKFNPSLNVVDKIHQNTPLHWAVAAGNVNAVDKLLLEAGSSLDIQNVKGETPLDMALQNKQLIHMLK  
 TEAKMRANQKFRWLQKCELFLLMLSVITMWAIGYILDFNSDSWLLKGCLLVTLFSLFPRFLVG  
 YKNLVYLPFAFLSSVFWIFMTWFIFFPDLAGAPFYFSFIFSIVAFLYFFYKWTWATDPGFTKASEEEK  
 VNIITLAETGSLDFRTFCTSLIRKPLRSLHCHVCNCCVARYDQHCLWTGRCIGFNHHYYIFFLFLSM  
 VCGWIIYGSFIYLSHCATTFKEDGLWYLNQIVACSPWVLYILMLATFHFWSWTFLLLNQLFQIAFLGL  
 TSHERISLQKQSKHMKQTLSLRKTPYNLGFQNLADFFQCGFGLVKPCVVDWTSQYTMVFPAREKVLV  
 SV

**TRTRPLE - GFP Tag - V**

**Restriction Sites:**

Sgfl-MluI

**Cloning Scheme:**


**ACCN:** NM\_001001483

**ORF Size:** 1476 bp

**OTI Disclaimer:** The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. [More info](#)

**OTI Annotation:** This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.

**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:**

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:** [NM\\_001001483.2](#), [NP\\_001001483.1](#)

**RefSeq Size:** 2301 bp

**RefSeq ORF:** 1479 bp

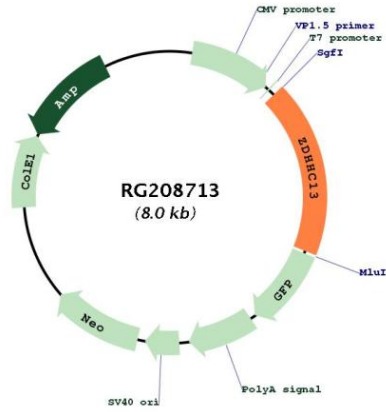
**Locus ID:** 54503

**UniProt ID:** [Q8IUH4](#)

**Cytogenetics:** 11p15.1

**Protein Families:** Transmembrane  
**Gene Summary:** Palmitoyltransferase for HTT and GAD2. May play a role in Mg(2+) transport. [UniProtKB/Swiss-Prot Function]

**Product images:**



Circular map for RG208713