

## Product datasheet for RC225512

### ZDHHC4 (NM\_001134388) Human Tagged ORF Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	ZDHHC4 (NM_001134388) Human Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	ZDHHC4
Synonyms:	ZNF374
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin
ORF Nucleotide Sequence:	>RC225512 representing NM_001134388 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**CGGATCGCC**

ATGGACTTTCTGGTCTCTTCTTGTCTACCTGGCTTCGGTGTGATGGGTCTTGTCTTATCTGCGTCT  
GCTCGAAAACCCATAGCTTGAAAGGCCTGGCCAGGGGAGGAGCACAGATATTTTCCTGTATAATCCAGA  
ATGTCTTCAGAGAGCCGTGCATGGATTGCTTACCTTTCCATACGAGAAACCACACCTTCATTGTC  
CTGCACCTGGTCTTGCAAGGGATGGTTTAACTGAGTACACCTGGGAAGTATTTGGCTACTGTCAGGAGC  
TGGAGTTGTCCTTGCATTACCTTCTTCTGCCCTATCTGCTGCTAGGTGTAACCTGTTTTTTTTCCACCT  
GACTTGTGGAACCAATCCTGGCATTATAACAAAAGCAAATGAATTATTATTTCTTCATGTTTATGAATTT  
GATGAAGTGATGTTTCCAAAGAACGTGAGGTGCTCTACTTGTGATTTAAGGAAACCAGCTCGATCCAAGC  
ACTGCAGTGTGTAACTGGTGTGTGCACCGTTTCGACCATCACTGTGTTGGGTGAACAACTGCATCGG  
GGCCTGGAACATCAGGTACTTCCATCTACGTCTTGACCTTGACGGCCTCGGCTGCCACCGTCGCCATT  
GTGAGCACCACTTTTCTGGTCCACTTGGTGGTGTGATGTCAGATTTATACCAGGAGACTTACATCGATGACC  
TTGGACACCTCCATGTTATGGACACGGTCTTTCTTATTCACTGCTGTTTCTGACTTTTCCAGGATTGT  
CTTCATGCTGGGCTTTGTCGTGGTCTGAGCTTCTCCTGGGTGGCTACCTGTTGTTGCTGTATCTG  
GCGGCCACCAACCAGACTACTAACGAGTGTACAGAGGTGACTGGGCTGGTCCAGCGTTGTCCCTTGT  
TGGCCTGGCCTCCGTGAGCAGAGCCCAAGTCCACCGAACATTCACTCCCATGGCTTCGGAGCAACCT  
TCAAGAGATCTTCTACCTGCCTTTCCATGTCATGAGAGGAAGAAACAAGAA

**ACGGT**ACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
ACAAGGATGACGACGATAAGGTTTAA



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Protein Sequence: >RC225512 representing NM\_001134388  
 Red=Cloning site Green=Tags(s)

MDFLVLFYFLASVLMGLVLICVCSKTHSLKGLARGGAQIFSCIIPECLQRAVHGLLHLYLFHTRNHTFIV  
 LHLVLQGMVYETEYTWVFGYCQELELSLHYLLPYLLLVNLFVFFTLTCGTNPGIITKANELLFLHVYEF  
 DEVMFKNVRCSTCDLRKPARSKHCSVCNWCVHRFDHHCVWVNNCIGAWNIRYFLIYVLTASAATVAI  
 VSTTFLVHLVMSDLYQETYIDDLGHLHVMMDTVFLIQYLFLLFPFRIVFMLGFVVLSFLLGGYLLFVLYL  
 AATNQTTNEWYRGDWAWCQRCPPLVAWPPSAEPQVHRNIHSHGLRSNLQEIFLPAFPCHERKKQE

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

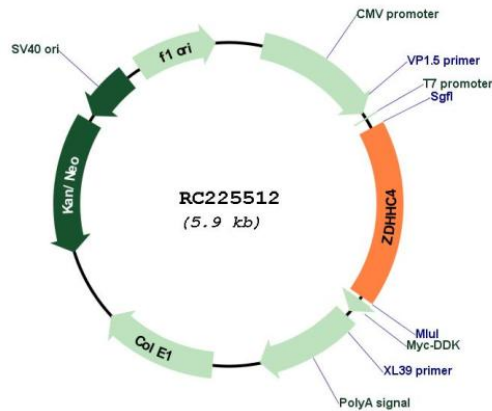
Chromatograms: [https://cdn.origene.com/chromatograms/mk8076\\_c09.zip](https://cdn.origene.com/chromatograms/mk8076_c09.zip)

Restriction Sites: SgfI-MluI

Cloning Scheme:



Plasmid Map:



ACCN: NM\_001134388

<b>ORF Size:</b>	1032 bp
<b>OTI Disclaimer:</b>	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. <a href="#">More info</a>
<b>OTI Annotation:</b>	This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.
<b>RefSeq:</b>	<a href="#">NM_001134388.1</a> , <a href="#">NP_001127860.1</a>
<b>RefSeq Size:</b>	1479 bp
<b>RefSeq ORF:</b>	1035 bp
<b>Locus ID:</b>	55146
<b>UniProt ID:</b>	<a href="#">Q9NPG8</a> , <a href="#">A0A024QZS8</a>
<b>Protein Families:</b>	Transmembrane
<b>MW:</b>	39.8 kDa
<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]