

Product datasheet for **SC324973**

ZDHHC4 (NM_001134387) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	ZDHHC4 (NM_001134387) Human Untagged Clone
Tag:	Tag Free
Symbol:	ZDHHC4
Synonyms:	ZNF374
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>SC324973 representing NM_001134387. Blue=Insert sequence Red=Cloning site Green=Tag(s)

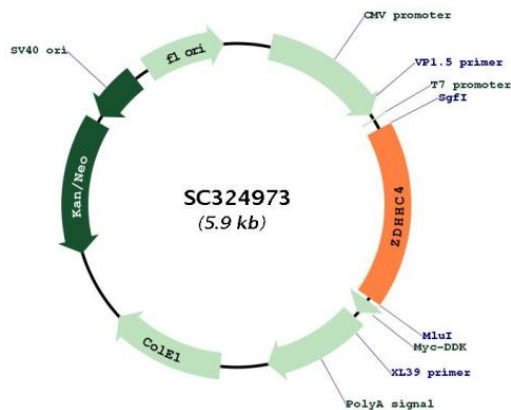
GCTCGTTT TAGTGAACCGTCAGAATTTTGT AATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTG
GATCCGGTACCGAGGAGATCTGCCGCC **GCGATCGCC**
ATGGACTTTCTGGTCTCTTCTTGTCTACCTGGCTTCGGTGCTGATGGGTCTTGTCTTATCTGCGTC
TGCTCGAAAACCATAGCTTGAAGGCCTGGCCAGGGGAGGAGCACAGATATTTTCTGTATAATTCCA
GAATGCTTCAGAGAGCCGTGCATGGATTGCTTACCTTTTCCATACGAGAAACCACACCTTCATT
GTCCTGCACCTGGTCTTGCAAGGGATGGTTATACTGAGTACACCTGGGAAGATTTGGCTACTGTCAG
GAGCTGGAGTTGCCTTGCATTACCTTCTTCTGCCCTATCTGCTGCTAGGTGTAACCTGTTTTTTTTTC
ACCCTGACTTGTGGAACCAATCCTGGCATTATAACAAAAGCAAATGAATTATTATTTCTTCATGTTTAT
GAATTTGATGAAGTGATGTTTCCAAAGAACGTGAGGTGCTCTACTTGTGATTTAAGGAAACCAGCTCGA
TCCAAGCACTGCAGTGTGTGTAACCTGGTGTGTGCACCGTTTTCGACCATCACTGTGTTTGGGTGAACAAC
TGCATCGGGCCCTGGAACATCAGGTACTTCTCATCTACGTCTTGACCTTGACGGCCTCGGCTGCCACC
GTGCCATTGTGAGCACCACTTTTCTGGTCCACTTGGTGGTGATGTCAGATTTAACCAGGAGACTTAC
ATCGATGACCTTGGACACCTCCATGTTATGGACACGGTCTTTCTTATTAGTACCTGTTCTGACTTTT
CCACGGATTGTCTTATGCTGGGCTTTGTCGTGGTCTGAGCTTCTCCTGGGTGGCTACCTGTTGTTT
GTCCTGTATCTGGCGGCCACCAACCAGACTACTAACGAGTGGTACAGAGGTGACTGGCCCTGGTGCCAG
CGTTGTCCCCTTGTGGCCTGGCTCCGTCAGCAGAGCCCAAGTCCACCGAACATTCACCTCCATGGG
CTTCGGAGCAACCTTCAAGAGATCTTTTACCTGCCTTCCATGTCATGAGAGGAAGAAACAAGAATGA****

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGAT
TACAAGGATGACGACGATAAGGTTTAAACGGCCGGC

Restriction Sites: SgfI-MluI



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Plasmid Map:


ACCN: NM_001134387

Insert Size: 1035 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).

OTI Annotation: This TrueClone is provided through our Custom Cloning Process that includes sub-cloning into OriGene's pCMV6 vector and full sequencing to provide a non-variant match to the expected reference without frameshifts, and is delivered as lyophilized plasmid DNA.

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_001134387.1](#)

RefSeq Size: 1570 bp

RefSeq ORF: 1035 bp

Locus ID: 55146

UniProt ID:	<u>Q9NPG8</u>
Cytogenetics:	7p22.1
Protein Families:	Transmembrane
MW:	39.8 kDa
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 (1) represents the longest transcript. All four variants encode the same protein.