

Product datasheet for **SC310483**

ZDHC2 (NM_016353) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	ZDHC2 (NM_016353) Human Untagged Clone
Tag:	Tag Free
Symbol:	ZDHC2
Synonyms:	DHHC2; ZNF372
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>SC310483 representing NM_016353. Blue=Insert sequence Red=Cloning site Green=Tag(s)

GCTCGTTTGTGTAACCGTCAGAATTTTGTAAACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTG
 GATCCGGTACCGAGGAGATCTGCCGCC**CGCATCGCC**
 ATGGCGCCCTCGGGCCCGGCGAGCAGCGCCAGGCGCGGTGCCGGCGGGTGTGTACTGGATCCCGGTG
 GTGTTTCATCACCTCTGCTCGGCTGGTCTACTACGCCCTACGCCATCCAGCTGTGCATAGTGTCCATG
 GAAACACTGGCAACAAGTTGTGTGCCTGATGGCCTATCATCTACTTTTGAATGTTTGTCTGGTCA
 TACTGGAAACTATCTTTACATTACCAATGAATCCTTCAAAGAATTCCATCTCTTATGCAGAGAAA
 GATTTGTTGGAGAGAGAGCAAGAGGAGAAGCCCATCAGGAAGTTCTTAGGCGAGCAGCCAAGGATCTT
 CCCATCTATACCAGGACCATGTCTGGAGCCATCCGATACTGTGACAGATGCCAATTATAAACCCAGAT
 CGCTGCCATCACTGCTCCGTCTGTGATAAATGTATTTGAAGATGGATCATCATTGTCCATGGGTGAAC
 AATTGTGTTGGATTTTCAAATTATAAGTTCTTTCTCCTTTTCTTGCTTATTCTCTGCTCTACTGCCTT
 TTTATTGCGGCAACAGATTTACAGTATTTTATCAAATTTTGGACAAATGGCCTACCTGATACTCAAGCC
 AAGTTCATATTATGTTTTATCTTTGCTGCAGCTATGTTTTCTGCAGCTTGTCTTCTGTTTGGC
 TATCATTGTTGGCTAGTCAGCAAAAATAAATCTACATTAGAGGCATTGAGAAGTCCAGTATTTTCGACAT
 GGAACAGATAAGAATGGATTGAGCTTGGGTTTCAGTAAAAACATGCGACAAGTTTTTGGTGATGAGAAG
 AAGTACTGGTTGCTACCATTTTTTCAAGTCTAGGTGATGGCTGCTCCTTCCAAGTGCCTTGTAAAC
 CAGGATCCTGAACAAGCATCTACTCCTGCAGGGCTGAATTCACAGCTAAAAATCTCGAAACCATCAG
 TTTCTGCAAGCCATTGAGAGAGTCCCAGAGCCACCTTCTTACTGATTCTCAGTCTTGACGGGAGAGC
 AGCATAAACCCAGGAAAATGCAAAGCTGGTATGAGCAATCCTGCATTAACCATGGAAAATGAGACT**TAA**

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGAT
 TACAAGGATGACGACGATAAGGTTTAAACGGCCGGC

Restriction Sites: SgfI-MluI



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ACCN:	NM_016353
Insert Size:	1104 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:	<u>NM_016353.4</u>
RefSeq Size:	4012 bp
RefSeq ORF:	1104 bp
Locus ID:	51201
UniProt ID:	<u>Q9UIJ5</u>
Cytogenetics:	8p22
Domains:	zf-DHHC
Protein Families:	Transmembrane
MW:	42 kDa
Gene Summary:	Palmitoyltransferase specific for GAP43 and DLG4/PSD95.[UniProtKB/Swiss-Prot Function]