

Product datasheet for SC317380

ZDHHC22 (NM_174976) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	ZDHHC22 (NM_174976) Human Untagged Clone
Tag:	Tag Free
Symbol:	ZDHHC22
Synonyms:	C14orf59
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>SC317380 representing NM_174976. Blue=Insert sequence Red=Cloning site Green=Tag(s)

GCTCGTTTAGTGAACCGTCAGAATTTTGTAAACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTG
 GATCCGGTACCGAGGAGATCTGCCGCCGCGATCGCC
 ATGCTGGCCCTGCGGCTGCTCAACGTGGTGGCCCCGCCTACTTCTTGTGCATCTCCCTGGTGACCTTC
 GTGCTGCAGCTCTTCTCTTCTGCCCAGCATGCGCGAGGACCCCGCGCCGCCCGGCTCTTCTCGCCC
 GCCCTGCTCCACGGGGCGCTCTTCTATTCTCTCGGCCAACGCCCTGGGCAATTACGTCCTTGTATC
 CAGAACTCCCCAGACGACCTGGGGGCTGCCAGGGGGCTCGGCCAGGAAGACTCCATGCCCTCACCT
 AGCACCACCTTCTGCCGAGTGTGCGCCAGAGTCACCCTGAGGCACGACCATCACTGTTTCTTACCAGGC
 AACTGCATCGGCAGCAGGAACATGCGCAACTTCGTCCTGTTCTGCCTCTACACCTCCCTGGCCTGCCTC
 TACTCCATGGTGGCCGGCGTGGCTACATCTCCGCTGTCCTTTCCATCTCCTTCGCCACCCCTTGCC
 TTCTCTACGCTCCTGCCACCTCCATCAGCCAGTTCTTCTCCGGAGCTGTCTGGGTTCTGAAATGTTT
 GTCATCTCATGCTCTACCTCTGGTTTCGCCATCGGCCTGGCCTGCGCCGGCTTCTGCTGCCACCACTG
 CTGTTGATCTCCGCGGGCAGACCCGCCACCAAGGTGCGGAAGGGGGTGGCAGTGAGGGCCCGGCCCTGG
 CGCAAGAACTTACAAGAGGTCTTCGAAAGAGGTGGCTGCTGGGCTGCTGGTCCCCATGTTCAATGTC
 GGAAGTGAGAGCTCCAAGCAGCAGGATAAGTAG
 ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGAT
 TACAAGGATGACGACGATAAGGTTTAAACGGCCGGC

Restriction Sites:	SgfI-MluI
ACCN:	NM_174976
Insert Size:	792 bp


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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_174976.2</u>
RefSeq Size:	3408 bp
RefSeq ORF:	792 bp
Locus ID:	283576
UniProt ID:	<u>Q8N966</u>
Cytogenetics:	14q24.3
MW:	29.1 kDa
Gene Summary:	Palmitoyltransferase that mediates palmitoylation of KCNMA1, regulating localization of KCNMA1 to the plasma membrane (PubMed:22399288). Might also mediate palmitoylation of CNN3 (By similarity).[UniProtKB/Swiss-Prot Function]