

Product datasheet for **SC337741**

CACHD1 (NM_001293274) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	CACHD1 (NM_001293274) Human Untagged Clone
Tag:	Tag Free
Symbol:	CACHD1
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >NCBI ORF sequence for NM_001293274, the custom clone sequence may differ by one or more nucleotides

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ATGTCCACCTTTGTTAGCAGCGTGAAGTCTTCAGACAGTCTACCCAGCAGCAGTGGGATTCCAAAAGG
CATTTCAGCTGATTCGAAGTACAAACAATAACACAAAAGTCCAAGCAAATACAGACATGGTCATCATTTA
CCTGTCAGCTGGCATTACATCAAAGGACTCTTCGGAAGAAGATAAAAAAGCGACTCTCCAAGTCATCAAT
GAAGAAAATAGCTTTCTAAACAACCTCTGTAAATGATTCTCACCTATGCCCTCATGAACGATGGGGTACTG
GTTTAAAAGAGCTGGCTTTTCTGAGGGATCTAGCTGAACAGAATTGAGGGAAGTACGGTGTGCCAGACCG
GATGGCCTTGCTGTGATTAAGGGCAGCATGATGGTGTGAATCAGTTGAGCAACCTGGAGACCACAGTG
GGCAGGTTCTACACAAACCTTCCAACCGGATGATTGATGAAGCCGTCTTCAGCCTGCCCTTCTCTGATG
AGATGGGAGATGGTTTGATAATGACTGTGAGTAAACCCTGTTATTTTGGAAACCTACTTCTGGGAATTGT
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AGCCCCACTTCATACTGACATCATACATTATGAAAATATTCCAAAATTTGAATTAGTTCGGCAAATAT
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AAGCTGAGAGAACTGGAAGGAAGCCTACAATGTTAGCTATGCCTGGAAGATGGTACAAGACACTTCTCT
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ACAATCAGTCACACAATTCATTCATCCAGTACACAGCTGTCTTCTGGGCACACTGTGGTGTGATGGGCA
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CAACAAAATAAGGTGCTCATAATGGAGGACAGGGGTTATCTGGTGGCGCACCCGACTCTCATCGACCCC
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ACCACCCCAACTTGTAAAGAAAACCTGTGCAACAGCTTCAGTGACAGAACGGTCCAGAGGTTTTATAA
ATTCAACACCAGCCTTGGGGGGATTTGACGAACCTTGTGCATGGCAGCCACTGTTCCAAATACAGATTA
GCAAGGATCCCAGGAACCAACGCGTTTGTGGCATTGTCAACGAAACCTGCGACTCTCTTGCTTCTGTG
CCTGCAGCATGGTGGACCGACTCTGTCTCAACTGTCACCGAATGGAACAAAATGAATGTGAATGTCTTG
TGAGTGCCTCTAGAGGTCAATGAGTGCAGTGGCAACCTCACCAATGCAGAGAACCAGAAACCCAGCTGC
GAGGTCCACCAGGAGCCGGTGACATACACAGCTATTGACCCTGGCCTGCAAGATGCTCTTACCAGTGTG
TCAACAGCAGGTGCAGTCAAGGCTGGAAGTGGGGACTGTTTTGGGGTGTGGATTGTGAATGGTGCAT
GGTGGACAGTGTGAAAGACTCACCTGGACAAACCTACTGTGCCCCCAGAAAGAATGCTTCGGGGGG
ATTGTGGGAGCCAAAAGTCCCTACGTTGATGACATGGGAGCAATAGGTGATGAGGTGATCACATTAACA
TGATTAAGAGCGCCCTGTGGTCTGTGGTGGAGGGATCATGGGATGCATCATGGTCTTGGTCTGGC
GGTGTATGCCTACCGCCACCAGATTATCGCCGGAGCCATCAGCATATGTCTCCTTGTGCTGCCCCAAGAA
ATGTCAGTGCATGTCCAACCTGGAGAATGACAGAGATGAAAGGGACGACGACGCCACGAAGACAGAG
GCATCATCAGCAACACTCGGTTTATAGCTGCGGTGATCGAACGACATGCACACAGTCCAGAAAGAAGGCG
CCGCTACTGGGTGATCAGGAACAGAAAGTATGATGTTACAGCACCATGAGCCACAGGAGGACAGT
GAAAATCCTCCATGCAACAATGACCCTTGTGAGCCGGGTGATGTTGGGAAACCATGATGAGGACTTAG
ACCTGGATACCCCTCAGACTGCTGCCCTACTAAGTACAAGTCCACCCTACCGGTACACCACCC
TACACTTCATCATAGCCACCCTTACAGGCGGCCGTACGGTACACACTGTCGATGCAGAATGCTAA
    
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Restriction Sites: SgfI-RsrII
ACCN: NM_001293274

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).
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:	<ol style="list-style-type: none">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_001293274.1 , NP_001280203.1
RefSeq Size:	5553 bp
RefSeq ORF:	2937 bp
Locus ID:	57685
UniProt ID:	Q5VU97
Cytogenetics:	1p31.3
Protein Families:	Druggable Genome, Transmembrane
Gene Summary:	May regulate voltage-dependent calcium channels.[UniProtKB/Swiss-Prot Function] Transcript Variant: This variant (2) differs in the 5' UTR, lacks a portion of the 5' coding region, and initiates translation at an alternate start codon, compared to variant 1. The encoded protein (isoform 2) has a shorter and distinct N-terminus, compared to isoform 1.