

Product datasheet for **SC114486**

SCCPDH (NM_016002) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	SCCPDH (NM_016002) Human Untagged Clone
Tag:	Tag Free
Symbol:	SCCPDH
Synonyms:	CGI-49; NET11
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	>OriGene ORF within SC114486 sequence for NM_016002 edited (data generated by NextGen Sequencing)

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ATGGCGACCGAGCAGAGGCTTTCCACCTGGTGGTGTTCGGCGCTCGGCTTACCAGGC
CAGTTCGTGACCGAGGAGGTGGCCCGGAGCAGGTGGACCCGGAGCGGAGCTCCCGCCTG
CCCTGGGCGGTGGCGGGCCGCTCCCGGGAAGCTGCAGCGGGTCTGGAGAAGGCGGCC
CTGAAGCTGGGAAGACCAACTGTCATCTGAAGTTGGAATCATCATCTGTGATATTGCT
AATCCAGCCTCGTTGATGAAATGGCTAAACAGGCAACAGTTGTCCTCAATTGCGTAGGA
CCATATCGGTTTTATGGAGAACCTGTAATAAAAGCATGTATTGAAATGGAGCCAGTTGT
ATCGACATCAGTGGAGAACCTCAGTTTCTGGAACCTAATGCAACTGAAGTATCATGAGAAA
GCTGCAGACAAAAGGGTTTTATATCATTGGAAGCAGCGGCTTTGACTCCATTCCAGCAGAT
CTGGGAGTAATATATACCAGAAATAAAATGAATGGTACTTTGACTGCTGTGAAAGTTTC
CTGACTATACATTCAGGACCTGAGGGGTTGAGCATTGATGATGGTACCTGGAAGTCAGCA
ATTTATGGTTTTGGAGATCAGAGTAATTTGAGAAAACCTAAGAAATGTATCAAATCTGAAA
CCTGTCCCGCTCATTGGTCCAAAATTGAAGAGAAGGTGGCCAATTTCTTATTGTGGGAA
CTCAAAGGTTATTCCATTCCTTTTATGGGATCTGATGTGTCTGTTGTAAGGAGGACTCAA
CGTTACTTGTATGAAAATTTAGAGGAATCACCAGTTCAGTATGCTGCGTATGTAAGTGTG
GGAGGCATCACCTCTGTTATTAAGCTGATGTTGTCAGGACTTTTCTTTTGTCTTTGTG
AGGTTTGAATTTGAAGGCAACTTCTCATAAAATTTCCATGGTTCTTCTCCTTTGGCTAT
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TTTGGTCAAGGATACAGCCAAGGCACTGGTACAGATAAGAACAACCAAAATATCAAATTT
TGTAAGTCAAGTGAAGGACCAGAGGCTGGCTATGTGGCTACCCCATAGCTATGGTTCAG
GCAGCCATGACTCTTCTAAGTGTGCTTCTCATCTGCCTAAGGCGGGCGGGTCTTACA
CCTGGAGCAGCTTTTCCAAAACAAAGTTGATTGACAGACTCAACAAACACGGTATTGAG
TTTAGTGTATTAGCAGCTCTGAAGTCTAA

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Clone variation with respect to NM_016002.2



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5' Read Nucleotide Sequence:	<p>>OriGene 5' read for NM_016002 unedited</p> <p>GTCAGATTTGTATACGACTCATATAGGGCGGCCGGAATTCGCACGAGGGCTGTGGACTC GTCATGGCGACCGAGCAGAGGCCCTTCCACCTGGTGGTGTTCGGCGCGTCTGGCTTCACC GGCCAGTTCGTGACCGAGGAGGTGGCCCGGAGCAGGTGGACCCGGAGCGGAGCTCCCGC CTGCCCTGGGCCGTGGCCGGCCGCTCCCGGGAGAAGCTGCAGCGGGTCTGGAGAAGGCG GCCCTGAAGCTGGGAAGACCAACTGTCATCTGAAGTTGGAATCATCATCTGTGATATT GCTAATCCAGCCTCGCTTGATGAAATGGCTAAACAGGCAACAGTTGTCCTCAATTGCGTA GGACCATATCGGTTTTATGGAGAACCTGTATAAAAGCATGTATTGAAAATGGAGCCAGT TGTATCGACATCAGTGGAGAACCCTCAGTTTCTGGAATAATGCAACTGAAGTATCATGAG AAAGCTGCAGACAAAGGGTTTTATCATTGGAAGCAGCGGCTTGGACTCCATTCCAGCA GATCTGGGAGTAATATATACCAGAAATAAAATGAATGGTACTTTGACTGCTGTGGAAAGT TTCCTGACTATACATTCCAGGACCTGAGGGGTTGAGCATTATGATGGTACCTGGAAGTCA GCAATTTATGGTTTTGGAGATCAGAGTAATTTGAGAAAATAAGAAATGTATCAAATCTG AAACCTGTCCCGCTATTGGTCCAAAATGAAGAGAAGTGGCCATTTCTATTGCGGGA ACTCAAAGTTATCCATTCTTTTATGGGATCCGATGTGGCCTGGTGCAAAGACGACCTC ACGTTACTTGTGGAAAATTTAAAGGAATCCCCGTTTTAATATGCTGTGTATGTAAGTGT GGGGAGGCTTACC</p>
3' Read Nucleotide Sequence:	<p>>OriGene 3' read for NM_016002 unedited</p> <p>CTATGGCCCGCGCCTATCTAGGATCGAGTTTTTTTTTTTTTTTTTTTAGGGTAAGCTAG GACAATTTCTACTTTTTAATATATAGATATTTTAGATTTGACAATCGTTCCACATACA CTCAGACAGGCTTACAGAAGAATTTCAAATATCAAATAGAGAAGCTGTTAATTCACGCAC GTTATGACTTCAGTTAATTCTTCCAGTGTTTAGACTTCAGAGCTGCTAATAACACTAAAC TCAATACCGTGTGTTGAGTCTGTCAATCAACTTTGTTTTGGAAAAAGCTGCTCCAGG TGTGAAGACCCCGCCGCTTAGGCAGATGAGAAGCATCACTTAGAAGAGTCATGGCTGC CTGAACCATAGCTATGGGGTAGCCACATAGCCAGCCTCTGGTCTTTCACCTGAGTACA AATTTTGATATTTGGTTTGTCTTATCTGTACCAGTGCCTTGGCTGTATCCTTGACAAA GAATGTCAGCGTGAATGAGGCAGCATCAATCTGTTTTTGTGTTGGGCCTGTTTTGAAA ATAGCCAAAGGAGAAGAACCATGGGAATTTATGAGAAGTTGCCTTCAAATCCAAACCT CACAAAGAACAAAAGAAAAGTCTGCAACATCAGCTAATAACAGAGGTGATGCCTCC CACAGTTACATACGCAGCATACTGAACTGGTGATTCTCTAAATTTTCATACAAGTAACG TTGAGTCCTCCTTACAACAGACACATCAGATCCCATANAAGGATGGGATAACCTTTGAGT TCCCGACATAAGAAATTGCGCACCCCTCTTTTCAATTTGGACCAATGAGCGGGACAGNT NCAGATTNGAACCTTTCTAAGTTTCTCAAATACTCTGATCTCCAAACCAATGCTGAC TCCAGTACATAATGATGCTCACCCCTCAGTCTGATGTTAGCCAGGAACTTCCAGCGCA AGTCT</p>
Restriction Sites:	NotI-NotI
ACCN:	NM_016002
Insert Size:	1470 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).
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_016002.2](#), [NP_057086.2](#)

RefSeq Size: 2482 bp

RefSeq ORF: 1290 bp

Locus ID: 51097

UniProt ID: [Q8NBX0](#)

Cytogenetics: 1q44

Protein Families: Transmembrane