

Product datasheet for **SC216695**

PSCD4 (CYTH4) (NM_013385) Human 3' UTR Clone

Product data:

Product Type:	3' UTR Clones
Product Name:	PSCD4 (CYTH4) (NM_013385) Human 3' UTR Clone
Symbol:	PSCD4
Synonyms:	CYT4; cytohesin-4; DJ63G5.1; PSCD4
Mammalian Cell Selection:	Neomycin
Vector:	pMirTarget (PS100062)
ACCN:	NM_013385
Insert Size:	1860 bp



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Insert Sequence: >SC216695 3'UTR clone of NM_013385
The sequence shown below is from the reference sequence of NM_013385. The complete sequence of this clone may contain minor differences, such as SNPs.
Blue=Stop Codon Red=Cloning site

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GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAGGCCAAGAAGGGCGGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC
CGGAAGAAGAAGATTGCCAGCAAGCAGTAGATTCTGGAGGTGGCACTGGGGGCTGGTCACCCGTGAGA
GTCCCATCGCCTGCAGCACCTGGAGACCCACCTCCACCCAGTGCACCTTTTGGGCCACAGACATCA
TTGCTGTTCCCGTTACCTCGAGCTGACTCTAGAGGGGAAGGCAGAGCTCAGGAGGGTGGTGGGAGCT
GCAGTGGGCTCAGAGTCCAGCAATGAGGCCCCCTGGCCTGGGCACCCAGTGCAGGCCCCCTGCCCTACG
TGCACTACAGGAAGGGGTGAGGAGAGCAGCCAGAGGAAAACAGCCCCAGAATGCTGCAACTTCTCTTC
TCTCTGGACTTCGGTGTCTCGGCTCTGAAGGCGCTCTCTGCACTTAGATGCTGCAGCCCTCAACGTA
GGAGGGGCGTGGGTCCCTAAGTATTCTTCTCCCTGGCAAGGCTCTTCTTTTCAGGGATATCTCTG
CCAACCCCTCCCCTGTCTCGGTTGGGCTTGGCCCTCTCTGCCTGAGAGAGCTCAGCACACACACAGC
TCAGACCCACGGACAGGACCCCGGGACAGAACCCCGGGAGCACTGCCCTAGGAGCCCGGACCCACAGAG
CTCAGTCCCAGCTCTGCCTCTGACTCGCTGTGTGCCCTCTGCCAAGTCATGCCCATTTCTCTAGTTCTTG
CAAAATGCAGTGTTTGGACTAGAAACGTATTGGCCCCTGCTAGCCCTGTGCTCCAGCTTCCAGTGGA
GATGGCAGCCGTTGTTTGGGAGCCAGGCTGACTCCGGATTCAACGTTGCTGGGAGAGAAAAGCAGT
ATAGACTCCACCTTCCAGGATGTCCATTTCCGGGAGAGGAGCAGGTGGGACCCCTCAAGAAATGACGGA
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GCTTGGAGAGAGAGTCTTGGCCATGGCTTTCTGCAAGACCACTGACGAGCAGTCCCATGGTGATAA
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ACTTCTCACCCCTCACACAGGCCAGGGGAGCCCTGGAGGGAATTCCTTGGCAGGGGAACAGGAAA
TGTGGCCGCTCTGCCCCACTGCCAGCCTGAGTGGGCAAGGAAGCAGGTGGATCCCCAGAAGGAACCG
CAGCTCGGAGGCACCTCTCCTCGTCCCCACCCACCCACATTTGCACACCTTCCACAGGGTCAGGAT
GGAGTAGCTGCCTTGGGAGGTGGTGAAGTCTGTCTCTGGAGGTCTGCAAGCACTGGTAGTGATATTG
CAGCAGACAAGGTCTGGGTTGGGCTCTGCAGGAGGACACCTTGTGGGACATCTGAGGACATCCGCAGA
TTCTTGTGAGCCTGTGAAGTGGCCCTGCCTCTGTGACCTCATTGGTCCATGAAGGAGCAGCCAGGGGT
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CTCCCTTAGTCTACTCCCTTCCCTCTCTGGTCTCAGCTTCTCCATCATGGAGGAGATGGGATCATG
GATTTTCTGGGCATAAGTGGCTGTTCTGGGAGTCAATCCAAAGAGAGAATAAACTCCTGATCCAA
ACGCGTAAGCGGCCGCGCATCTAGATTGGAAGAAATGACCGACCAAGCGACGCCAACCTGCCATCA
CGAGATTCGATTCCACCGCCGCTTCTATGAAAGG
  
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Restriction Sites: Sgfl-MluI

OTI Disclaimer: Our molecular clone sequence data has been matched to the sequence identifier above as a point of reference. Note that the complete sequence of this clone is largely the same as the reference sequence but may contain minor differences , e.g., single nucleotide polymorphisms (SNPs).

Components: The cDNA clone is shipped in a 2-D bar-coded Matrix tube as 10 ug dried plasmid DNA. The package also includes 100 pmols of both the corresponding 5' and 3' vector primers in separate vials.

RefSeq: [NM_013385.5](#)

Summary:

This gene encodes a member of the PSCD family of proteins, which have an N-terminal coiled-coil motif, a central Sec7 domain, and a C-terminal pleckstrin homology (PH) domain. The coiled-coil motif is involved in homodimerization, the Sec7 domain contains guanine-nucleotide exchange protein (GEP) activity, and the PH domain interacts with phospholipids and is responsible for association of PSCDs with membranes. Members of this family function as GEPs for ADP-ribosylation factors (ARFs), which are guanine nucleotide-binding proteins involved in vesicular trafficking pathways. This protein exhibits GEP activity in vitro with ARF1 and ARF5, but is inactive with ARF6. Alternatively spliced transcript variants have been found for this gene. [provided by RefSeq, Dec 2015]

Locus ID:

27128

MW:

66.7