

Product datasheet for **SC337226**

SPOCD1 (NM_001281988) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	SPOCD1 (NM_001281988) Human Untagged Clone
Tag:	Tag Free
Symbol:	SPOCD1
Synonyms:	PPP1R146
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_001281988, the custom clone sequence may differ by one or more nucleotides

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ATGGAGGTCAGCTCACCTCACCTGCCAGAGGCTCAGAAGGAAGAAAAGGCCCATGGTGCAGGGCCCTG
CTGGGTGCCAGGTTTTCCAGCCTTCTCCTTCAGGAGGCACAGCAGGGGACCCTGGTGGCCTCTTGACCC
CTTCTACCTCCAAGAAGCGGTTCCCTGGCCCTTGCGCAGCCAGCTCGGACCCTGCATGTTCCAGAGT
GGCCCAATGGAGGCTGAAGAGGATTCTCTCCGGAGCAGCCAGAGGACTCAGCTCAGCTCCAACAGGAGA
AGCCATCCCTGTATATTGGGGTGCAGGGGCACTGTTGTCCGTTCCATGCAGGAGGTAATGACTCGCCT
TCGGGAGCTCCCAGACCCAGTGCTGAGTGAGGAGTGGTGGAGGGCATTGCTGCTGGCATTGAGGCAGCC
CTCTGGGACCTGACACAAGGCACCAATGGCCGGTACAAGACCAAGTATCGCAGCCTGCTGTTCAACCTGC
GGGACCCAGGAACCTGGACTTGTTTCTCAAAGTGGTTCATGGAGATGCACCCCTACGACCTGGTGGC
GATGAGCTCGATGCAGCTGGCCCCCAGGAGCTGGCCCGTGGCCGGACCAGGAGGAGAAAAGGGCCCTG
AATATCATTGAGCAGCAACAGAAGGAGCCGTGCAGACTCCAGCCTCCAAAATGACCACAAGGGCGAAG
TGGAGATTGAGCGGGACATGGACCAGACTGACCTGGAGGATCTGGTGGGACCCAGATGTTTCATGGA
CTGCAGCCACAGGCCCTGCCATCGCATCAGAGGACACCACGGGGCAGCATGACCACCCTTCTTAGAC
CCCAACTGCCACATCTGAAGGACTGGGAGCCCTCGAATGAGCTGCTAGGCTCCTTCGAAGCCGCAAGA
GCTGCGGGGACAAATATCTCCAGAAAGCCCTAAGCCAACTCCTATGCCTGCTCCAGAGATGCCAAAAC
CAGGGAGTTGCTCCACGGAACCACAGGACAGGGTCCCTCCATCTGGGCTCCATGTGCCTGCTGCACCC
ACAAAGGCCCTGCCCTGCCTGCCACCCTGGGAAGGTGTTCTGGACATGTTCTCCATCAAGCGGTTCCGGG
CCAGGGCCAGCTGGTCTCGGGACACAGCTGTCGGCTTGCCAGGCTCTGCCACCCTGATCCGCTCGGC
AGGCTGCATCCCCTCAAACATTGCTGGGACCTTCTGGCCAGCATCTGCCAGCAAGGCCAAGGACGTC
TGCGTGGTCAGACTGTGCCACATGGGGCCCGGACACCCAGAAGTCCCGCTGCTACTCATACTCA
ATGATAGGCAGGCCACGGGCTGGCCTCTGTGGAGCACATGGGGATGGTCTGCTGCCCTGCTGCCTT
CCAGCCCTGCCACCAGGCTGCCCTTTGGGGGCCAGGTCTGGAGGTAAGTCACTCAAGTCTGTTG
CTGGCTGTGCTGCTCCCCAAGGAAGGGCTTCCAGACACAGCAGGGTCCAGCCCTGGTTGGGGAAGGTTT
AAAAGATGGTCTCCTTCAACAGTAAGGTGGAGAAGAGATACTATCAGCCAGATGACAGGAGGCCAATGT
GCCCTGAAGGGCACCCCTCCCCAGGAGGTGCCTGGCAGCAGAGCCAGGGCAGGGGAGTATAGCTCCA
AGGGGAATCTCTGCTTGGCAGAGGCCCCCAGAGGCAGGGGAGGCTCTGGCCAGAGCCTGAAAAGTGGC
AGCATCTGGGCGAGGGCAGTGGCCCCAGAGCCAGGCTTGCAGCAGTCCAGCATCCCTATTAGTAGC
ACCAGCTGGTTCATGGCTTTGGCCGTGGCCAGCACTTCCACAGGGACTCCTGTCCCACCAAGCCCTGCTC
CGGCACCTCGAATCCCTGGCGACCATGAGTCACCAAGCTCCAAGCCTTACTGTGCCCCAGACCAAGAGCT
CCATCCCCCGCCCTCTGCAGCGTTTGTCTAGCGCCTTGCAGCTCCAGAGCCCTTGCCAGCCCGTGA
CTCCTCTTTGGGGCTACAGATGAAGCTGGCTCTGAGTGTCCCTCCCTAGAAAGGCCTGA

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Restriction Sites: SgfI-MluI

ACCN: NM_001281988

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_001281988.1](#), [NP_001268917.1](#)

RefSeq Size: 2518 bp

RefSeq ORF: 2091 bp

Locus ID: 90853

UniProt ID: [Q6ZMY3](#)

Cytogenetics: 1p35.2

Gene Summary: This gene encodes a protein that belongs to the TFIIIS family of transcription factors. Alternate splicing results in multiple transcript variants. [provided by RefSeq, Aug 2013]
Transcript Variant: This variant (3) uses an alternate in-frame splice site in the 3' terminal exon, lacks an alternate exon in the 5' region and uses a downstream start codon compared to variant 1. The encoded isoform (3) has a shorter N-terminus compared to isoform 1.