

Product datasheet for **SC337936**

SPOCD1 (NM_001281987) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	SPOCD1 (NM_001281987) 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)
Fully Sequenced ORF:	>NCBI ORF sequence for NM_001281987, the custom clone sequence may differ by one or more nucleotides

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ATGTCCCAGGCGGGGACGTAGAAGGCCCCAGCACAGGAGACCCTGTGCTCAGTCCCCAACACAACCTGTG
AGCTTTTACAGAACATGGAAGGAGCCAGCTCCATGCCAGGCCCTGTACCAGATGGGCCGGGAGCAAGCTC
TGGGCCCGGAGTCAGGGCTGGCAGCAGAAGGAAGATCCCCAGGAAGGAGGCCCTTCGAGGTGGCAGCTCC
CGGGCTGCAGGTGCTGCTGAGGTCCGGCCAGGGGTCTTGGAGCTGCTAGCTGTGGTACAGAGCCGGGGCT
CGATGCTGGCTCCTGGGCTCCACATGCAGCTGCCCTCGGTGCCTACTCAGGGGAGAGCTCTGACCTCAA
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GGCCTCCCAGAGAGAGCTCTGGCCTGCAGGGAGAGGCTTGACAGGAGTGGAGGAGGTGAGCTGCCTCAGGC
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GGGACAACCTCCTGTCTGTGGGAGACCCTCCCCAAGTTGCTGACCTGGAGTCCTTGGGAGGCCCTTGCA
ACCTCCCTCTCCAAAAGACACTGGGTCTGGGCTGGAGAGCCAGGTGGAAGTGGGGCAGGATGTGCCTCA
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GAAGGCTGGAGCAAGGACTCGCTGCCCCCGCTGACACCTGTGCCAGTCCCAGGAGCCCTTGGGCGGCC
CAGCTCCTCCCTGGATACTGAAGCCAGCAGGGCCTGCTCAGGCCATTATGGAGCAGAGAAGATCCAAG
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ACTCCCACCAGGACAGGCCAGAGGAACCCAGCCAGGAGGCTGCCCCAGACTGGAGGAAGTGAAAATACC
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GGCCAGGCAGGGGGCAGCTGCCACAAAGCTGGAGGTTCTAGAGGACTTGATGGAGTCTCAGCTCACCT
CACCTGCCAGAGGCTCAGAAGGAAGAAAAGGCCCATGGTGCAGGGCCCTGCTGGGTGCCAGTTTTCCA

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GCCTTCTCCTTCAGGAGGCACAGCAGGGGACCCTGGTGGCCTCTCTGACCCCTTCTACCCTCCAAGAAGC
GGTTCCCTGGCCCTTGGCGACCCAGCTCGGACCCTGCATGTTCCAGAGTGGCCCAATGGAGGCTGAAG
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GCACCAATGGCCGGTACAAGACCAAGTATCGCAGCCTGCTGTTCAACCTGCGGGACCCAGGAACCTGGA
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CCCATCGCATCAGAGGACACCACGGGGCAGCATGACCACCACTTCTTAGACCCCAACTGCCACATCTGCA
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CTGCGCCCTTGGGGGGCCAGGTCTGGAGTCACTCAAGTCTGTTGCTGGCTGTGCTGCTCCCA
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GTGGCCCCCAGAGCCAGGCTTGGCCAGTCCCAGCATCCCTATTAGTAGCACCAGCTGGTCATGGCTTT
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CGACCATGAGTACCAGCTCCAAGCCTTACTGTGCCCCAGACCAAGAGCTCCATCCCCCGCCCTGTGCA
GCGTTTGTCTAGCGCCCTTGAGCTCCAGAGCCCCCTGGCCAGCCGTGACTCCTTTGGGGCTACA
GATGAAGCTGGCTCTGAGTGTCCCTCCCTAGAAAGGCC TGA
    
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- Restriction Sites:** SgfI-MluI
- ACCN:** NM_001281987
- 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_001281987.1](#), [NP_001268916.1](#)

RefSeq Size: 3940 bp

RefSeq ORF: 3612 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 (2) uses an alternate in-frame splice site in the 3' terminal exon compared to variant 1. This results in a shorter protein (isoform 2) compared to isoform 1.