

Product datasheet for SC306156

SPOCD1 (NM_144569) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	SPOCD1 (NM_144569) 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:	>SC306156 representing NM_144569. Blue=Insert sequence Red=Cloning site Green=Tag(s)

GCTCGTTTAGTGAACCGTCAGAATTTTGTAAACGACTACTATAGGGCGCCGGGAATTCGTCGACTG
GATCCGGTACCGAGGAGATCTGCCGCC**CGCATCGCC**
ATGTCCCAGGCGGGGACGTAGAAGGCCCCAGCACAGGAGACCCTGTGCTCAGTCCCAACAACAAGTGT
GAGCTTTTACAGAACATGGAAGGAGCCAGCTCCATGCCAGGCCTGTACCAGATGGGCCGGGAGCAAGC
TCTGGGCCGGAGTCAGGGCTGGCAGCAGAAGGAAGATCCCCAGGAAGGAGGCCCTTCGAGGTGGCAGC
TCCCGGGTGCAGGTGCTGCTGAGGTCCGGCCAGGGTCTTGGAGCTGCTAGCTGTGGTACAGAGCCGG
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TCCAAGAGGCTCCAGTTTCTCTGTGTGACATCTTAGATGACAGTTGCCCCAGGAACTTTGTAGCAGG
TCTGCTGGCTCCAGAGAGAGCTCTGGCTGCAGGGAGAGGCTTGCAGGAGTGGAGGAGGTGAGCTGC
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AGCAAAGAGGAGCCCCCTGGAAGGCCCTGACATCCTCACCAGACCCAGTCCCTGTGAGGGTAAGAAAG
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GGCCCTTCAGACCTCCCTCTCCAAAAGACACTGGGTCTGGGCTGGAGAGCCAGGTGGAAGTGGGGCA
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TTGATGGAGGTCAGCTCACCTCACCTGCCAGAGGCTCAGAAGGAAGAAAAGGCCCATGGTGCAGGGC
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GACTCCTCTTTGGGGCTACAGATGAAGCTGGCTCTGAGTGTCCCTTCCTAGAAAGGCTGA
ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGAT
TACAAGGATGACGACGATAAGGTTAAACGGCCGGC
    
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- Restriction Sites:** SgfI-MluI
- ACCN:** NM_144569
- Insert Size:** 3651 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).
- OTI Annotation:** This TrueClone is provided through our Custom Cloning Process that includes sub-cloning into OriGene's pCMV6 vector and full sequencing to provide a non-variant match to the expected reference without frameshifts, and is delivered as lyophilized plasmid DNA.
- 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_144569.5](#)

RefSeq Size: 3979 bp

RefSeq ORF: 3651 bp

Locus ID: 90853

UniProt ID: [Q6ZMY3](#)

Cytogenetics: 1p35.2

MW: 130 kDa

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 (1) represents the longest transcript and encodes the longest isoform (1).