

Product datasheet for **SC311319**

PP4R1 (PPP4R1) (NM_001042388) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	PP4R1 (PPP4R1) (NM_001042388) Human Untagged Clone
Tag:	Tag Free
Symbol:	PP4R1
Synonyms:	MEG1; PP4(Rmeg); PP4R1
Vector:	<u>pCMV6 series</u>



[View online »](#)

Fully Sequenced ORF: >NCBI ORF sequence for NM_001042388, the custom clone sequence may differ by one or more nucleotides

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ATGGCGGACCTCTCGTGCTTCAGGAGGACCTGCAGGAGGACGCAGACGGATTTGGTGTG
GATGACTACAGCTCAGAGTCTGATGTGATTATTACCTTCAGCCCTGGACTTTGTCTCA
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GAAAGAGATTGTATTGCTGTTTTGGAAAGAATTAGCAGATTGGCCGATGATTCAGAACCA
ACTGTGAGAGCGGAGCTGATGGAACAGGTGCCTCACATCGCACTGTTTTGCAAGAAAAC
CGGCCTTCAATACCATATGCTTTTTCAAATTCTTACTACCTATTGTGGTTAGATACCTT
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CGTGACAGCGATGTCAAGTATTTTGAAGCATCCACCCTGCCAGTACCAAAATCTCCGAA
GATGCCATGAGCACAGCGTCTCAACCTACTAG
    
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Restriction Sites:	Please inquire
ACCN:	NM_001042388
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:	<ol style="list-style-type: none">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:	<u>NM_001042388.1</u> , <u>NP_001035847.1</u>
RefSeq Size:	3976 bp
RefSeq ORF:	2853 bp
Locus ID:	9989
UniProt ID:	<u>Q8TF05</u>
Cytogenetics:	18p11.22
Protein Families:	Druggable Genome, Phosphatase
Gene Summary:	<p>This gene encodes one of several alternate regulatory subunits of serine/threonine protein phosphatase 4 (PP4). The protein features multiple HEAT repeats. This protein forms a complex with PP4RC. This complex may have a distinct role from other PP4 complexes, including regulation of HDAC3 (Zhang et al., PMID: 15805470). There is also a transcribed pseudogene on chromosome 20. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Jun 2012]</p> <p>Transcript Variant: This variant (1) represents the longest transcript and encodes the longer protein (isoform a).</p>