

Product datasheet for **SC333073**

PPP1R12C (NM_001271618) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	PPP1R12C (NM_001271618) Human Untagged Clone
Tag:	Tag Free
Symbol:	PPP1R12C
Synonyms:	AAVS1; LENG3; MBS85; p84; p85
Vector:	pCMV6-Entry (PS100001)



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Fully Sequenced ORF: >SC333073 representing NM_001271618.
 Blue=Insert sequence Red=Cloning site Green=Tag(s)

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ATGTCGGAGAGGATGGCCCGCGGCTGGCCCGGGGGCGGCGGCGGGCTGCCGGGAGCGGGACGG
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Restriction Sites: SgfI-MluI

ACCN: NM_001271618

Insert Size: 2343 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).

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_001271618.1</u>
RefSeq Size:	2959 bp
RefSeq ORF:	2343 bp
Locus ID:	54776
UniProt ID:	<u>Q9BZL4</u>
Cytogenetics:	19q13.42
Protein Families:	Druggable Genome
MW:	84.7 kDa
Gene Summary:	<p>The gene encodes a subunit of myosin phosphatase. The encoded protein regulates the catalytic activity of protein phosphatase 1 delta and assembly of the actin cytoskeleton. Alternatively spliced transcript variants encoding multiple isoforms have been observed for this gene. [provided by RefSeq, Oct 2012]</p> <p>Transcript Variant: This variant (2) uses an alternate in-frame splice site. The encoded isoform (b) is shorter compared to isoform a.</p>