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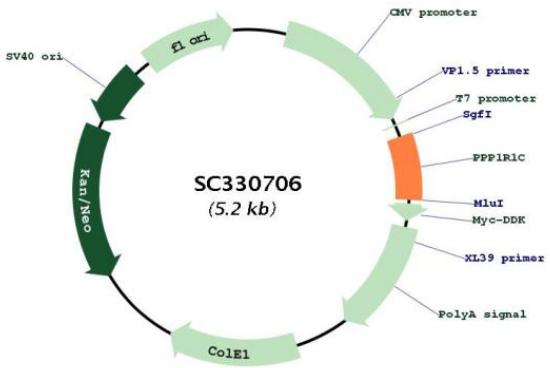
Product datasheet for SC330706

PPP1R1C (NM_001261425) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	PPP1R1C (NM_001261425) Human Untagged Clone
Tag:	Tag Free
Symbol:	PPP1R1C
Synonyms:	IPP5
Vector:	pCMV6-Entry (PS100001)
Fully Sequenced ORF:	>SC330706 representing NM_001261425. Blue=Insert sequence Red=Cloning site Green=Tag(s) ATGGAGCCCAACAGTCCCAAAAAGATACAGTTTGCCGTGCCTGTATTCCAGAGTCAGATTGCACCTGAA GCAGCAGAGCAGATCAGGAAAAGAAGACCTACACCAGCATCACTTGTGATTCTCAATGAGCATAACCCC CCAGAAATAGATGACAAGAGGGGGCCCAACACACAAGGGGAATTACAGAATGCATCCCCTAAGCAAAGG AAGCAGAGTGTGTACACACCACCCACCATAAAAGGGGTTAAGCATCTGAAAGGCCAGAATGAATCAGCA TTCCCTGAAGAAGAAGAAGGCACCAATGAAAGAGAGGAGCAGCGGGACCATTAA
Restriction Sites:	SgfI-MluI
Plasmid Map:	



ACCN:	NM_001261425
Insert Size:	330 bp

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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_001261425.1
RefSeq Size:	3032 bp
RefSeq ORF:	330 bp
Locus ID:	151242
UniProt ID:	Q8WVI7
Cytogenetics:	2q31.3-q32.1
Protein Families:	Druggable Genome, Phosphatase
MW:	12.3 kDa
Gene Summary:	Protein phosphatase-1 (PP1) is a major serine/threonine phosphatase that regulates a variety of cellular functions. PP1 consists of a catalytic subunit (see PPP1CA; MIM 176875) and regulatory subunits that determine the subcellular localization of PP1 or regulate its function. PPP1R1C belongs to a group of PP1 inhibitory subunits that are themselves regulated by phosphorylation (Wang et al., 2008 [PubMed 18310074]).[supplied by OMIM, Feb 2010] Transcript Variant: This variant (2) uses an alternate in-frame splice site in the 5' coding region compared to variant 1. The resulting protein is shorter compared to isoform 1. Variants 2 and 3 encode the same protein (isoform 2). Sequence Note: This RefSeq record was created from transcript and genomic sequence data to make the sequence consistent with the reference genome assembly. The genomic coordinates used for the transcript record were based on transcript alignments.

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