

Product datasheet for **SC123653**

PPP1R7 (BC012397) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	PPP1R7 (BC012397) Human Untagged Clone
Tag:	Tag Free
Symbol:	PPP1R7
Synonyms:	MGC105784; protein phosphatase 1, regulatory (inhibitor) subunit 7; protein phosphatase 1, regulatory subunit 7; SDS22; Sds22
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)
Cell Selection:	None
Fully Sequenced ORF:	>OriGene sequence for BC012397 edited

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CAACATGGCGGCGGAACGCGGCGGGGCGAGCAACAGTCGCAGGAGATGATGGAGGTTGA  
CAGGCGGGTCGAGTCTGAAGAATCCGGCGATGAAGAAGGGAAGAAACACAGCAGTGGCAT  
CGTGGCCGACCTCAGTGAACAGAGCCTGAAGGATGGGGAGGAGCGGGGGAGGAGACCC  
AGAAGAAGAACATGAGCTGCCTGTGGACATGGAAACCATCAACCTGGACAGAGATGCAGA  
GGATGTTGATTTGAATCACTATCGCATAGGGAAGATTGAAGATTTGAGGTAAGAA  
AGTGAAGACTCTCTGCCTCCGCCAAAATTTAATTAATGCATTGAGAATCTGGAGGAGCT  
ACAGAGTCTTCGAGAGCTGGATCTTTACGACAACCAGATCAAGAAGATTGAGAATCTGGA  
GGCGCTAACAGAGCTGGAGATTCTAGATATTTCTTTAATCTGCTGAGAAACATCGAAGG  
GGTTGACAAGTTGACACGACTGAAAAAATCTTCTTGGTCAACAATAAAATCAGTAAAAT  
TGAGAACTTAAGCAACTTACATCAACTACAGATGCTAGAGCTGGGATCTAACCGCATCCG  
GGCAATCGAAAATATCGACACCTTAACCAACCTGGAGAGTTTGTTTTGGGGAAAAACAA  
AATTAATAAACTTTCAGAACCTGGATGCGCTCACCAACCTGACAGTCCCTCAGTATGCAGAG  
CAACCGGCTGACCAAGATCGAGGGTCTGCAGAACCTGGTGAACCTGCGGGAGCTGTACCT  
TAGCCACAATGGCATCGAGGTCAATCGAGGGCCTGGAGAACAATGTGCAGGACAGCCTCAC  
GTAAGGAGGGAAGTGTGCTCACAGAGCCCCACCCTCCTCAGCTGCCTCCAGCTCACCC  
TGCTCTGCCCCAGTGCAGTGTTCAGACAAATAAAAGACTTTTTCTCATTCAAAAAAAAA  
AAAA
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5' Read Nucleotide Sequence:	>OriGene 5' read for BC012397 unedited NTTTCAGTTGTATTTGTATACGACTCATATAGGGCGGCCGCGATTCCCAGGATATCGTCC ACCCACGCGTCCGCAACATGGCGCGGAACGCGGCGGGGCGAGCAACAGTCGCAGGAGA TGATGGAGGTTGACAGGCGGGTCTGAGTCTGAAGAATCCGGCGATGAAGAAGGGAAGAAC ACAGCAGTGGCATCGTGGCCGACCTCAGTGAACAGAGCCTGAAGGATGGGAGGAGCGGG GGGAGGAGGACCCAGAAGAAGAACATGAGCTGCCTGTGGACATGGAACCATCAACCTGG ACAGAGATGCAGAGGATGTTGATTTGAATCACTATCGCATAGGGAAGATTGAAGGATTTG AGGTACTGAAGAAAGTGAAGACTCTCTGCCTCCGCCAAAATTTAATTAATGCATTGAGA ATCTGGAGGAGCTACAGAGTCTTCGAGAGCTGGATCTTTACGACAACCAGATCAAGAAGA TTGAGAATCTGGAGGCGCTAACAGAGCTGGAGATTCTAGATATTTCTTTAATCTGCTGA GAAACATCGAAGGGGTTGACAAGTTGACACGACTGAAAAACTCTTCTTGGTCAACAATA AAATCAGTAAAATTGAGAACTTAAGCAACTTACATCAACTACAGATGCTAGAGCTGGGAT CTAACCGCATCCGGGCAATCGAAAATATCGACACCTTAACCAACCTGGAGAGTTTGT TGGGGAAAAACAAAATTACTAACTTCAGAACCTGGATGCGCTACCAACCTGACAGTCC TCAGTATGCAGAGCACCCGGCTGACCAAGATCGAGGGTCTGCAGGACCTGGTGAACCTGC CGGAGCTGTTCTTAGCCACAAT
Restriction Sites:	Please inquire
ACCN:	BC012397
Insert Size:	964 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:	BC012397.1 , AAH12397.1
RefSeq Size:	964 bp
Locus ID:	5510
Cytogenetics:	2q37.3
Protein Families:	Druggable Genome, Phosphatase
Gene Summary:	This gene encodes a protein subunit that regulates the activity of the serine/threonine phosphatase, protein phosphatase-1. The encoded protein is required for completion of the mitotic cycle and for targeting protein phosphatase-1 to mitotic kinetochores. Alternate splicing results in multiple transcript variants. [provided by RefSeq, Sep 2013]