

Product datasheet for **SC120667**

PPP1R14B (NM_138689) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	PPP1R14B (NM_138689) Human Untagged Clone
Tag:	Tag Free
Symbol:	PPP1R14B
Synonyms:	PHI-1; PLCB3N; PNG; SOM172
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL4</u>
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	>OriGene ORF within SC120667 sequence for NM_138689 edited (data generated by NextGen Sequencing) ATGGCGGACAGCGGCACCGCGGGGGCGCGGCGTTGGCGGCCCGGCCCGGGCCGGGC AGTGGCGGCCAGGACCACGCGTCTACTTTCAGAGCCCCCGGGCCGCGAGAGAGGGC CCGGGCGGGGCGGACGATGAGGGCCAGTGAGGCGCCAAGGGAAGGTCACCGTCAAGTAT GACCGCAAGGAGCTACGGAAGCGCCTAACCTAGAGGAGTGGATCCTGGAGCAGCTCACG CGCCTCTACGACTGCCAGGAAGAGGAGATCCCAGAACTGGAGATTGACGTGGATGAGCTC CTGGACATGGAGAGTGACGATGCCCGGGCTGCCAGGGTCAAGGAGCTGCTGTTGACTGT TACAAACCCACAGAGGCCTTCATTTCTGGCCTGCTGGACAAGATCCGGGGCATGCAGAAG CTGAGCACACCCAGAAGAAGTGA

Clone variation with respect to NM_138689.2



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5' Read Nucleotide Sequence:	>OriGene 5' read for NM_138689 unedited GGTACAAATTTTGTATACGACTCATATAGGCGGCCGCAAATTCGCACGAGGCCGCGGAG CCGCGCGGAGCGGAGCCGCGGAGCTAACCCGAGCCAGCCGGCGGGCGTCCCAGGAGCGGT GGCGCAGGGAGGGGCCCCGACGCTCGCACGTGGCCCCGGCGGCCGCATGGCGGACAGCGG CACCGCGGGGGCGCGGCGTTGGCGGCCCGGCCCGGGCCGGGCAAGTGGCGGCCAGG ACCACGCGTCTACTTTTACAGAGCCCCCGGGCCCGCAGGAGAGGGCCCGGGCGGGCGGA CGATGAGGGGCCAGTGAGGCGCCAAGGAAGGTCACCGTCAAGTATGACCGCAAGGAGCT ACGGAAGCGCCTAACCTAGAGGAGTGGATCCTGGAGCAGCTCACGCGCCTCTACGACTG CCAGGAAGAGGAGATCCAGAACTGGAGATTGACGTGGATGAGCTCCTGGACATGGAGAG TGACGATGCCCGGCTGCCAGGGTCAAGGAGCTGCTGGTTGACTGTTACAAACCCACAGA GGCCTTCAATTTCTGGCTGCTGGACAAGATCCGGGGCATGCAGAAGCTGAGCACACCCCA GAAGAAGTGAGGGTCCCCGACCCAGGAGAACGGTGGCTCCACAGGACAATCGCTGCCCC CCAACCTCGTAGCAACAGCAATACCGGGGACCCCTGCGGCCAGCCTGGTCCATGAGCA GGGCTNCTCGTCCCCTGGCCAGGGTCTTTNCCCTGCCCTCAGTTTCCACTTTTGGG GTTTTTATTGTTATAAACTGATGGACTTNTGTGTTTTATATTGACTCTGGGCGCGGGCCC TTTATAAGCTAGATACGCCTTGTGCAAAAAAAAAAAAACTCACTTAATGCGCCGCTATA CTGTTCTGACGATCCG
Restriction Sites:	NotI-NotI
ACCN:	NM_138689
Insert Size:	600 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_138689.2</u> , <u>NP_619634.1</u>
RefSeq Size:	1038 bp
RefSeq ORF:	444 bp
Locus ID:	26472
UniProt ID:	<u>Q96C90</u>
Cytogenetics:	11q13.1
Domains:	PP1_inhibitor

Gene Summary: Inhibitor of PPP1CA. Has over 50-fold higher inhibitory activity when phosphorylated (By similarity).[UniProtKB/Swiss-Prot Function]