

Product datasheet for **SC200419**

PPP1R14A (NM_033256) Human 3' UTR Clone

Product data:

Product Type:	3' UTR Clones
Product Name:	PPP1R14A (NM_033256) Human 3' UTR Clone
Vector:	pMirTarget (PS100062)
Symbol:	PPP1R14A
Synonyms:	CPI-17; CPI17; PPP1INL
ACCN:	NM_033256
Insert Size:	111 bp
Insert Sequence:	>SC200419 3'UTR clone of NM_033256 The sequence shown below is from the reference sequence of NM_033256. The complete sequence of this clone may contain minor differences, such as SNPs. Blue =Stop Codon Red =Cloning site GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAAGCCAAGAAGGGCGGAAAGATCGCCGTG TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC CAGGACCGGGCCCGGACTGCTCACCCCTGACCCCTTGTCACTCTCCCTGCCCGGACGCCGCCAGC TTGCTTGTGTATAAGTTGTATTTAATGGTTCTGTAACAATAA ACGCGT AAGCGGCCGCGCATCTAGATTGAAGAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA CGAGATTCGATTCCACCGCCGCTTCTATGAAAGG
Restriction Sites:	Sgfl-Mlul
OTI Disclaimer:	Our molecular clone sequence data has been matched to the sequence identifier above as a point of reference. Note that the complete sequence of this clone is largely the same as the reference sequence but may contain minor differences , e.g., single nucleotide polymorphisms (SNPs).
Components:	The cDNA clone is shipped in a 2-D bar-coded Matrix tube as 10 ug dried plasmid DNA. The package also includes 100 pmols of both the corresponding 5' and 3' vector primers in separate vials.
RefSeq:	<u>NM_033256.3</u>



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Summary: The protein encoded by this gene belongs to the protein phosphatase 1 (PP1) inhibitor family. This protein is an inhibitor of smooth muscle myosin phosphatase, and has higher inhibitory activity when phosphorylated. Inhibition of myosin phosphatase leads to increased myosin phosphorylation and enhanced smooth muscle contraction. Alternatively spliced transcript variants encoding different isoforms have been noted for this gene. [provided by RefSeq, Sep 2011]

Locus ID: 94274

MW: 4.1