

Product datasheet for **SC212852**

Protein phosphatase inhibitor 1 (PPP1R1A) (NM_006741) Human 3' UTR Clone

Product data:

Product Type: 3' UTR Clones
Product Name: Protein phosphatase inhibitor 1 (PPP1R1A) (NM_006741) Human 3' UTR Clone
Vector: pMirTarget (PS100062)
Symbol: PPP1R1A
Synonyms: I1; IPP1
ACCN: NM_006741
Insert Size: 1171 bp
Insert Sequence: >SC212852 3'UTR clone of NM_006741
The sequence shown below is from the reference sequence of NM_006741. The complete sequence of this clone may contain minor differences, such as SNPs.
Blue=Stop Codon **Red**=Cloning site

```
GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAAGCCAAGAAGGGCGGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC
CTGGATTCCAAGGGAGCCAACCTCGGTCTGAGAGAGGAGGATCTTTGGGATCAAGACTGCAGTTTGG
GAATGCATGGACACCGGATTTGTTTCTTATTCCTTCACTTTTGGGAAAATCTCTTGTTTTTAAAAAGT
GATAAATTTGGTGTAGGTCCTTGGCACTTTCCTTCTTTTCCAACCTGGGAGAATCCTTTCTCCCTGCCT
TCTTGCCCTGCCCTCTCTGTAGCCCCACCTCCTGCCAAGCTGCCTCTGGGAAGGAAGAAACAGGAGC
TAGGCAGAAGCCTTGAGCAGGGAAGAGTCTTCCCTTAGCCCTGACTTTACTTGTGTGGGAAGAGAGA
TGAGGGTCAGATAGGTGGGAGGACTAATTCCAGGGTGCCAAGAAGGAAGAAAAGCCCCAGGTTCTCTT
TTCTTATTGAGGAACGATCCGACCCTCACAGGCCTGCCCTGCAGCTGGAAGACTCGGCCTCTAAGG
CCTGTGCCGTGTCCAGCTGTGACTGTGCGGTGGGCTCCATCTGCTGGACAAAAGGGGAAGTGCACCATG
GCACTTGGCCCATGGGAAAGAGGGTATGGTGGTGTCCGATACCTCCTCGCCTGCCCTCCAAGCCCCAG
CTGCCCTCCTTTTGGATTCCAAGCTTCAGGATGTGTTCCCTCTTCCAGCTGTGGGACCGCTGTCCCTT
ATTTCAACCCGTTAGCAACAATGGATAGAGAACACAGTGGCTATTAATGAAGAGGCCATGCTGGAGAC
TGGAAAGGGTTCCCTTGTCTAGACATTGAGGGGCCAGATAAGACCAAAACCAAGCATAAGAGAAGAAA
CTGTCTCAGATCTCACGGCCAGGCCTCTCTCTGCTGCTGTTTTGATTTTCCAGGTAGTGGGAGAGA
GGAAAGGAGGGAAGGCAAGATCTTTCCCTCCTGCTGAAGCATGTGGTACAGAGGCAAGAGCAGAG
CCTGAGAAGCGTCAGGTCCCCTTCTGCCATGCAGCTACTATGAGCCCTCGGGCCCTCCTCTGGGCCT
CAGCTTGGCCAGATACATACTAAATATATATATATATATATATAGAGGGAGAAGCCCTCACCCAGATTT
TATCATGCTGGAAGAGTGTATGTATGTGAAGATGCTTGGTCACTTGTACCCAGTGAACACACACA
ACCGGTAAGCGGCCGCGCATCTAGATTCGAAGAAAATGACCGACCAAGCGACGCCAACCTGCCATCA
CGAGATTCGATTCCACCGCCGCTTCTATGAAAGG
```

Restriction Sites: SgfI-MluI



[View online >](#)

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_006741.4</u>
Summary:	Inhibitor of protein-phosphatase 1. This protein may be important in hormonal control of glycogen metabolism. Hormones that elevate intracellular cAMP increase I-1 activity in many tissues. I-1 activation may impose cAMP control over proteins that are not directly phosphorylated by PKA. Following a rise in intracellular calcium, I-1 is inactivated by calcineurin (or PP2B). Does not inhibit type-2 phosphatases.[UniProtKB/Swiss-Prot Function]
Locus ID:	5502
MW:	43.5