

Product datasheet for **SC206386**

PPP2R1A (NM_014225) Human 3' UTR Clone

Product data:

Product Type:	3' UTR Clones
Product Name:	PPP2R1A (NM_014225) Human 3' UTR Clone
Vector:	pMirTarget (PS100062)
Symbol:	PPP2R1A
Synonyms:	MRD36; PP2A-Aalpha; PP2AA; PP2AAALPHA; PR65A
ACCN:	NM_014225
Insert Size:	2000 bp



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Insert Sequence: >SC206386 3'UTR clone of NM_014225
 The sequence shown below is from the reference sequence of NM_014225. The complete sequence of this clone may contain minor differences, such as SNPs.
 Blue=Stop Codon Red=Cloning site

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GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAAGCCAAGAAGGGCGGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC
GAGGCTCTGACTGTTCTGTCTCTCGCCATGCTGGAAGAGGAGCAAACTGGCCCTCTGGTGTCCACC
CTCCAACCCCAAGTCCCTCTTTGGGAGACTGGGGGCCTTTGGTGTCACTCCCTGTGCATGG
TCTGACCCAGGCCCTTCCCCAGCACGGTTCCTCTCTCCCCAGCCTGGGAAGATGTCTCACTGTCC
ACCTCCAACGGGCTAGGGGAGCACGGGTTGGACAGGACAGTGACCTTGGGAGGAAGGGGCTACTCCG
CCCACGTCAGGGAGAGATGTGAGCATCCCGGTCCTGGATCCTGCTGTGAATGGGAACCCCTCCCC
CATTTACTTCCACCTCCGCTCTCCCATCATTGGTTTTTTTTTTGTGTGCAACTGTGCCGTTTTTA
TTTTATTCCTTTATTTTCCCCCTTTTACAGAGAAAATAAAGGTCTAGAAGTAGTTGGCTCTGGCCT
TAGTCATCAGCTTGGAGGAGGGGACCCACCCAGAGCCACAACATCTGCGCTTTTCTCTGGAGAAGAT
CTTGTTACAGGACCCATTATACCCTATGTCCGAAAGAATACTCTGGGGATCCCCCAGGAGTGCTGC
TGGCCTTTGGGGTAGAGGTCCATGAGGTGCTCTGGGTGGTGTCTGTAGTGCAGTTCAGATTCATAGA
TGTGCGCCGAGTATTTGGGGGTTAAGAGCAGGTGCCTTGAACCCAGACTGCCTGGGTCCAAATTGTGG
CTCCTTCAAGTAAATAGACGTGTGACTAGGAGTAGCTTGTAAAGTCTTTATGAGCTCAGTTTTGTATTGT
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AGAACCCCTGTGGGCCATTTCTGTGTTCTTGAAGAAGACTTGGGCTTGGACCTGTCCCAGGAGGT
CTCAGAGTAATCAGGACGGTACTAGGGAGAGAAGTGTGGCAAGATAGATCAGTTATCTCGGTATCTATT
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CTAGTGTCTCTTGAATAGGTGTGGTATTGTGACCAAATTCTAGCCAAAAGATGTTGAACAGAAGTG
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CTCTGGAATGTGGACCAGATGGCTGGAGTAGGAGCTGCCACCTGGGGCCAGAAAATGATCTTAGGCGTG
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CTGTCACTGGGAGAATTAAGTGGTCAAGTGCCTGTTCTGTTAGGGTTTCACTTGAAGGTGACCG
GAATTCTAACTGATGGAGGGAGGGGCCAGAGCACCTGGAGAAAGGAGCAAGGGACGTATGGCTGGTG
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TTAGACTTTATTGTGCCCTAGGGGATGAGGCTGAAGGAGACCAAAAAGCATCTTTAGAAATTTCCATTT
ATGCCCTGGGCGATAAACTCTCTCCAGTTGAGAACTACTGCTCTAGAAATGTGAACACACGTGTAACC
AAACGTCAAAGTCTGACATTAAGTCTTCTGCTTTCCCATGGTTAACGCTGCTGGTCCATTGTAACAAGA
GTGCAGTGGACCAGCAGCCTTGCATTCTCAGGAGCTTGTAGAAATGCAGAGCCTCTCGTCCCTGCC
ACGCGTAAGCGGCCGCGGCATCTAGATTCAAGAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA
CGAGATTCGATTCACCCGCCCTTCTATGAAAGG
  
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Restriction Sites: SgfI-MluI

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: [NM_014225.6](#)

Summary: This gene encodes a constant regulatory subunit of protein phosphatase 2. Protein phosphatase 2 is one of the four major Ser/Thr phosphatases, and it is implicated in the negative control of cell growth and division. It consists of a common heteromeric core enzyme, which is composed of a catalytic subunit and a constant regulatory subunit, that associates with a variety of regulatory subunits. The constant regulatory subunit A serves as a scaffolding molecule to coordinate the assembly of the catalytic subunit and a variable regulatory B subunit. This gene encodes an alpha isoform of the constant regulatory subunit A. Alternatively spliced transcript variants have been described. [provided by RefSeq, Apr 2010]

Locus ID: 5518

MW: 75.3