

## Product datasheet for **SC214924**

### PPP2R4 (PTPA) (NM\_178001) Human 3' UTR Clone

#### Product data:

Product Type:	3' UTR Clones
Product Name:	PPP2R4 (PTPA) (NM_178001) Human 3' UTR Clone
Symbol:	PPP2R4
Synonyms:	PP2A; PPP2R4; PR53
Mammalian Cell Selection:	Neomycin
Vector:	pMirTarget (PS100062)
ACCN:	NM_178001
Insert Size:	1512 bp



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**Insert Sequence:** >SC214924 3'UTR clone of NM\_178001  
 The sequence shown below is from the reference sequence of NM\_178001. 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
CTGCCCATCCATCCTGTACGTCGGGCAGGAGGGCCAAAGCCGAAGAGCCACCCAGGCCACAGTTCT
GTGCCTGCCTTCCCCACCCAGCAGTGGCCCTCCCCATCCCCTCCCTCTGTTTCGTCGCCGTTTGATGAG
AGGCTGTTTACTGGGGTGGGGTGGCGAGATGGGCTTGGAGGGGGCTCAGAGCATAAGGCTTCAGGGCCCA
AGTTGGGAGAAGTGACCAAAGTGTAGCCAGTTTCTGAGTTCCCGTGTGCTAGACTGGCCAGAAGAGAG
GGTCTGGGGCCTGGTCACTCGGCCACTCTCCTGTTTCTGGCCTCTTCCCTTCACTCCCGTCCAGT
CTGTTTTGAGAGCAGGGGCTGTTCTGCAGCACCCGAGGGAAGGGAGGAGAGATACCTGTGCTTCCAT
TGCTTTTCCCTTCTGGAGTCGATGCCTTTCTAAGGGTTGGAGCTGCTCCTTGCAGGGGGCGGTGAGTT
TCCCAGGCCATGCCGGGGTGGCCATCTATGGTAGGGCTGGAAGCTGAGGCTGGCCGCCAGCTGTGGGCT
GGGGTGGGGTGGGTGGGGTGGGTGGAGAGGCCTTAGCTGTCTGGCTGGTGGCCCTCCCAGGCTC
CTTTTACCCTGCCCCCTGGGCCTGAGGCCCTGTGTCCAAGCCTCCCCCTGGCTTTCAGTTCTCTA
GCCCTTGGCTCTGCTGGGTTTCTGACTGTAGCCACATCTCTCCCGCTCCCTAAGGGTAACCTAGCCAA
TGAAGCTGCCCTTTGGGTAGGTGCTGGGCTCCTGGGAGGGCCAGATGATGGGGTGAGGCATGTCTTT
CCAGAATTTCCCTGGCAGGGAGGGGATGGCAGAACTCAGGGAGGGGCTTGGGGCCATTGTATCTGG
AGAGCCTGGATTCTCTTGGCAGTCTTAGGCCCGGCCACTTCTGCTACCTTTGCGCTGCTGTGAGCCTC
ACCCTGGGCCCCCTGGGCCCTGCTTCTCTGCTCCCCTGGGTGATGGGTGGGCCAGAAGGTGGCAGTCCC
ACACCTTGTCTCCCACCTCCCTGAACTGTCCATTGCTTTTATAGGGTGAGGTAAGAGACAGCCTCCCA
AGCCCAGGCTTTGGCACTCAGAATGGGCCAGTGGGGGCTGGGCAGGCCATTGAGGGCCACCCCGGAG
GTTTCTCCTAGGGCTGTTCTGGCCTGGCTCTTACAGGCTCGTCCCCAGGCCTGCCCTTCTCCACTG
CCCCCTCTGTGCTGGGTCCACACACCCTTCAAGGAAGGGGGAGCACTGAGAAGCACAGCACAGGGGCT
CAGCCTGGGATCCGGTGTGGTCTGGGCAGAGGCTGGGTGAGGAGTCCCAAAGGTGAGTACAGTTTCT
CAGAAGAGGCCAGCGTCCACCTCTCTCCAGGGCCAGACAGCCCTTCTGGCTCCCCCATCCCCCTAT
GGGCTCCCAGCCCCTTGACCCTATTGCTGTTTCTGAGTTAAAGCCTCTGTTTTGCACCTGTCA
ACGCGTAAGCGGCCGCGCATCTAGATTCAAGAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA
CGAGATTCGATTCCACCGCCGCTTCTATGAAAGG
  
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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 µg dried plasmid DNA. The package also includes 100 pmols of both the corresponding 5' and 3' vector primers in separate vials.

**RefSeq:** [NM\\_178001.3](#)

**Summary:**

Protein phosphatase 2A is one of the four major Ser/Thr phosphatases and is implicated in the negative control of cell growth and division. Protein phosphatase 2A holoenzymes are heterotrimeric proteins composed of a structural subunit A, a catalytic subunit C, and a regulatory subunit B. The regulatory subunit is encoded by a diverse set of genes that have been grouped into the B/PR55, B'/PR61, and B''/PR72 families. These different regulatory subunits confer distinct enzymatic specificities and intracellular localizations to the holoenzyme. The product of this gene belongs to the B' family. This gene encodes a specific phosphotyrosyl phosphatase activator of the dimeric form of protein phosphatase 2A. Alternative splicing results in multiple transcript variants encoding different isoforms. [provided by RefSeq, Jul 2008]

**Locus ID:**

5524

**MW:**

52.9