

Product datasheet for **SC215291**

PPP1R3C (NM_005398) Human 3' UTR Clone

Product data:

Product Type:	3' UTR Clones
Product Name:	PPP1R3C (NM_005398) Human 3' UTR Clone
Symbol:	PPP1R3C
Synonyms:	PPP1R5; PTG
Mammalian Cell Selection:	Neomycin
Vector:	pMirTarget (PS100062)
ACCN:	NM_005398
Insert Size:	1515 bp



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Insert Sequence: >SC215291 3'UTR clone of NM_005398
 The sequence shown below is from the reference sequence of NM_005398. The complete sequence of this clone may contain minor differences, such as SNPs.
 Blue=Stop Codon Red=Cloning site

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GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAAGCCAAGAAGGGCGGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAGCGATCGCC
AGAATGGAGAAGCTTGGCCTTTATCGATGAATTAAGCAACATGTAAGTGGTCTTACTGACTTGTGATATTC
CCCCATGCAATCCTAGGTCTGTATTGCTCAATTTAGGAAGCCTTTGCTACTCCATCAGTAGGTTTAGA
TTTGAGCTTTTGGACCTGGCTATGAAAAAGAAAGACACTTGAGAATTTAGTGTGGGGTCTGTACAGA
TGATGCTACCCAATTTGGCTTTGAAGGATCAAGTAACAGGTTGAAAACTATTTTTATAAAGGTAATACT
TTTTCAGTTCCTTCTTCCCTCTCAATCCACTAGCTTTTCATGTTGGGCAAGGAAAAGTTGAGGAA
GGATGGCTGATGGTATGAAAGCTGTGTTAATGGTATGAGGAATGTGTGAAAAGTATACACAAAGGGC
TCTGAAGCTCAAGTCAGAGGAGTGGGAGGTCTGATCATTGTTGGTGGAAAAACGTAAGGTTATTTTGTG
TTTTAAGTTGGTTTTACAATTTCTTCTGGGAAATTTCTGGAGGGGAAAAAGATCCATTCTACG
TATCCTTGTGGAGAAAAGCTAAATAACCTTAAAGAATGTGGTGGTATTGGAGAAAAGAAGATGAATTAT
AGCTCCGGAGAATCAAGATCTTAAGTGAAGCCTTTCTGTTTCAGATGTGATCTATAAAAAATCATAATTT
GGGGAAAGTTTAAAGCAAATCTGGCTTTGTAGTCTGATGTTATAAGTGACTTTGTGATCAAAGTGTGAG
GCTTGGGTTCTTGTATAGAATGCTTGGTATAGAAAAACCATGCCATCATTAAATGGCTAACAAACAGTA
GGGACTTCATGTCATGTCAAAGTAGCTTTTGAAGTGCCTTGATTAACCAGAAAACTGTCATCGTT
TAACCCAAATATCTGAATGGTCACTCTGGTAAGTCACTGAGGTTTTTGGCCTCATAAGATGGTCCACTCTGT
ACACAGGCATTCCTCCTGCAATAATGTTGTATCTTTGAGACCGTGTGAGTGTACACAACACACATCCT
TCATATTTGAAGGTGACTCATTTTTCTGCACACTTTTTGATGTGATGCTTGACGTGAGGCCCGACACTA
GGATTCTCAATGCAAGAATCCAGTACCTTGCACATAGAAGTAGCAACCCATCCCTTGCCTATTTTCATC
TTGCTGTTTTCTTTTTTAAAAAATGGATGTGACTTGTGTTTGAATGTTTTGATTATACTTGTTTTT
GTGTGTGCATAAATTCATTCTGTAGGATCTTAAGAAAAAGAGTCCCAGAAATGTTGCTTCTATTATTGTG
CACAACCATTTGAGAGGTGTTACAAGAAATGCAGTTAATTTTAAATGTGTGATGTGCCATGGTGGAAAAAG
TACTATCGGAATAACTCTGCAGTGACAGAAATTTGAAGTTGGCTAGCATCCATACTTTTCTACTGTAAA
TATTTCACTCTCCTCTAGCTATCCTTGATGAGCTTCTCACTTTAAGAATAAATGTGTTTGTATATAA
ACGCGTAAAGCGCCGCGGCATCTAGATTGAAGAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA
CGAGATTTGATTCCACCGCCGCTTCTATGAAAGG
  
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Restriction Sites: Sgfl-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_005398.7](#)

Summary:

This gene encodes a carbohydrate binding protein that is a subunit of the protein phosphatase 1 (PP1) complex. PP1 catalyzes reversible protein phosphorylation, which is important in a wide range of cellular activities. The encoded protein affects glycogen biosynthesis by activating glycogen synthase and limiting glycogen breakdown by reducing glycogen phosphorylase activity. DNA hypermethylation of this gene has been found in colorectal cancer patients. The encoded protein also interacts with the laforin protein, which is a protein tyrosine phosphatase implicated in Lafora disease. [provided by RefSeq, Sep 2016]

Locus ID:

5507

MW:

57.6