

Product datasheet for SC212418

PCPTP1 (PTPRR) (NM_002849) Human 3' UTR Clone

Product data:

Product Type:	3' UTR Clones
Product Name:	PCPTP1 (PTPRR) (NM_002849) Human 3' UTR Clone
Symbol:	PCPTP1
Synonyms:	EC-PTP; PCPTP1; PTP-SL; PTPBR7; PTPRQ
Mammalian Cell Selection:	Neomycin
Vector:	pMirTarget (PS100062)
ACCN:	NM_002849
Insert Size:	1135 bp
Insert Sequence:	>SC212418 3'UTR clone of NM_002849 The sequence shown below is from the reference sequence of NM_002849. 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
AGCAGACTTTTCAGCAGAGACTGTCCAGTGAGTCATTGAAGACTTGTGCAGACCATCAATCTCTGGGGTG
ATTAATCAAATTACCCACCCAAGGCTTCTAGAAGGAGCTTCTGCAATGGAAGGAAGGAGAAGCTCTGA
AGCCCATGTATGGCATGGATTGTGGAAGACTGGGCAACATATTTAAGATTTCCAGCTCCTTGTGTATAT
GAATGCATTTGTAAGCATCCCCAAATTATTCTGAAGTTTTTTGATGATGGAGGTATGATAGGTTTAT
CACACAGCCTAAGGCAGATTTTGTCTGTACTGACTCTATCTGCCACACAGAATGTATGTATGTA
ATATTCAGTAATAAATGTCATCAGGTGATGACTGGATGAGCTGCTGAAGACATTCGTATTATGTGTTAG
ATGCTTTAATGTTTGCAAATCTGTCTTGTGAATGGACTGTCAGCTGTTAAACTGTTCTGTTTTGAAG
TGCTATTACCTTCTCAGTTACCAGAACTTTGCTGCTAAAGTTGCAAGTGATTGATAATGGATTTTTAA
CAGAGAAGTCTTTGTTTTGAAAAACAAAAATCAAAAACAGTAACTATTTTATATGGAAATGTGCTTG
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ATTGGGTATATATGTATTTACTCTCTATTATTGGGCATAAAGGTGGCTTCTGCTCCAGAACTCTATCCA
CTGTATTTCCACATCGTGAGTCATTTTACTTTAAAAGGGAAAAACAAATTTGTAGCAACTCTGAAGTAT
CAAGAGTTTTAACTACTTGTCTCTCTTTTGTCTAAGAAGGATTTTTGAATATGCTATCTACTGGAATC
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GGACATTTCCATGTATGCTTACATTTCTGAAAGCTTTCAATCTTCAAGAGACAAAAAAATTAATAA
AACTACCCTCAGCAAACTAGCTGTTCTGCTCATATATGAATTTTTAATGCAGCAATGTTGACTTTGT
TTCATACTGCCAATAAACTCTTAATACTAAA
ACGCGTAAGCGGCCGCGCATCTAGATTCAAGAAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA
CGAGATTTGATTCCACCGCCGCTTCTATGAAAGG

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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:	NM_002849.4
Summary:	The protein encoded by this gene is a member of the protein tyrosine phosphatase (PTP) family. PTPs are known to be signaling molecules that regulate a variety of cellular processes including cell growth, differentiation, mitotic cycle, and oncogenic transformation. This PTP possesses an extracellular region, a single transmembrane region, and a single intracellular catalytic domain, and thus represents a receptor-type PTP. Silencing of this gene has been associated with colorectal cancer. Multiple transcript variants encoding different isoforms have been found for this gene. This gene shares a symbol (PTPRQ) with another gene, protein tyrosine phosphatase, receptor type, Q (GeneID 374462), which is also located on chromosome 12. [provided by RefSeq, May 2011]
Locus ID:	5801
MW:	43.4