

Product datasheet for **SC212829**

PTPRU (NM_133177) Human 3' UTR Clone

Product data:

Product Type:	3' UTR Clones
Product Name:	PTPRU (NM_133177) Human 3' UTR Clone
Vector:	pMirTarget (PS100062)
Symbol:	PTPRU
Synonyms:	FMI; hPTP-J; PCP-2; PTP; PTP-J; PTP-PI; PTP-RO; PTPPSI; PTPRO; PTPU2; R-PTP-PSI; R-PTP-U
ACCN:	NM_133177
Insert Size:	1169 bp
Insert Sequence:	>SC212829 3'UTR clone of NM_133177

The sequence shown below is from the reference sequence of NM_133177. The complete sequence of this clone may contain minor differences, such as SNPs.

Blue=Stop Codon Red=Cloning site

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GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAAGCCAAGAAGGGCGGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAAGCGGATCGCC
GAGTACTTGGAGGGGCTGGAGTCAAGATAGCGGGGCCCTGGCCTGGGGCACCCACTGCACACTCAGGGC
CAGACCCACCATCCTGGACTGGCGAGGAAGATCAGTGCCTCCTGCTCTGCCCAAACACACTCCCATGGG
GCAAGCACTGGAGTGGATGCTGGGCTATCTTGCTCCCCCTTCCACTGTGGGCAGGGCCTTTCGCTTGTC
CCATGGGCGGGTGGTGGGCCAAGGAGGAGCTTAGCAAGTCTGCAGCCAGCCCCACTCCATAGGGTCC
TGCAGGCTGTGCTGAGAGGCCTGGTGTGCTGCCTGGCAGAGTGACAAAGGCTCAGGACGGCTGGCTGTG
GGGACTCAGGCCAAGCCCTTGGCACCATCCTGGCTTTTGGCAGGGATGAGTGAGGCCCTGCAGAGAGC
ATCCCAGGCCAAGGTTCCCACTCAGCCTGCCCCCTCTGCATGTGGGTAGAGGATGTACTGGGACTTGGC
ATTTAGGATTCCATCTGGCCCAGCCCCTGAAGGTCTGGGGAAGCAGGTCTCAATTCTGAATAGCCAGT
GGGGCACACTGACTGTCTCCCCAGGGGAAGTGCAGCGCCCTCCTCCCCACTGCCCCCTGCAGCCCCTG
AGATATTTTGGTCACTATCCCTCCCCACTTGCTTCCCTGATATGTGCTCTGAGCTTCCCTGAACCAGGA
TCTGCCTATTACTGCTGTGCCCATGGGGGCTCCTTCCCTGCCTGACCCACTGTTGCAGAAATGAAGTC
ACCTCGCCCCCTCTTCCCTTAACTTTTCAAGGCCTCACTGGCCTGTCTGCTCAGCTTGGGCCAGTGACA
ATCTGCAAGGCTGAACAACAGCCCCTGGGGTTGAGGCCCTGTGGCTCCTGGTCAAGGCTGCCCGTTGTG
GGGAGGGGCGAGTGTAGAGCAGGGCTGGTACACCCTCTGGAGTTCAGAGGAAGAGGTAGGACCAGTGC
TTTTTTGTTTCTTTTGTATTTTGGTTGGGTGGGAAGGTCTTTTAAATGGGGCAGGCCACAC
CCCCATCCGTGCCTCAATTTCCCACATGTAACTGTAGATAGTACTACTGACCTACCTCGCAGGGGG
CTGTGGGGAGGCATAAGCTGATGTTTGTAAAGCGCTTTGTAAATAAACGTGCTCTCTGAATGCCA
ACGCGTAAGCGGCCGCGGCATCTAGATTGCAAGAAAATGACCGACCAAGCGACGCCAACCTGCCATCA
CGAGATTTTCGATTCCACCGCCGCTTCTATGAAAGG
  
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Restriction Sites: SgfI-MluI



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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_133177.4</u>
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 two tandem intracellular catalytic domains, and thus represents a receptor-type PTP. The extracellular region contains a meprin-A5 antigen-PTP (MAM) domain, Ig-like and fibronectin type III-like repeats. This PTP was thought to play roles in cell-cell recognition and adhesion. Studies of the similar gene in mice suggested the role of this PTP in early neural development. The expression of this gene was reported to be regulated by phorbol myristate acetate (PMA) or calcium ionophore in Jurkat T lymphoma cells. Alternatively spliced transcript variants have been reported. [provided by RefSeq, Aug 2010]
Locus ID:	10076
MW:	41.5