

Product datasheet for SC208205

PTPRN (NM_002846) Human 3' UTR Clone

Product data:

Product Type: 3' UTR Clones
Product Name: PTPRN (NM_002846) Human 3' UTR Clone
Symbol: PTPRN
Synonyms: IA-2; IA-2/PTP; IA2; ICA512; R-PTP-N
Mammalian Cell Selection: Neomycin
Vector: pMirTarget (PS100062)
ACCN: NM_002846
Insert Size: 633 bp

Insert Sequence: >SC208205 3'UTR clone of NM_002846
 The sequence shown below is from the reference sequence of NM_002846. 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
AATGCCATCCTCAAGGCCCTGCCCCAGTGAGACCCTGGGGCCCTTGGCGGGCAGCCAGCCTCTGTCC
CTCTTTGCCTGTGTGAGCATCTCTGTGTACCCACTCCTCACTGCCCCACCAGCCACCTCTTGGGCATGC
TCAGCCCTTCTAGAAAGAGTCAGGAAGGGAAAAGCCAGAAGGGGCACGCCCTGCCAGCCTCGCATGCCAG
AGCCTGGGGCATCCCAGAGCCCAGGGCATCCCATGGGGGTGCTGCAGCCAGGAGGAGAAAGGACAT
GGGTAGCAATTCTACCCAGAGCCTTCTCCTGCCTACATTCCTGGCCTGGCTCTCCTGTAGCTCTCCTG
GGTTCTGGGAGTCCCTGAACATCTGTGTGTGTCCCCCTATGCTCCAGTATGGAAGAATGGGGTGGAG
GGTCGCCACACCCGGCTCCCCCTGCTTCTCAGCCCCGGGCCTGCCTCTGACTCACACTTGGGCGCTCTG
CCCTCCCTGGCCTCAGCCCAGCCTCCTCCCACCACCCTCCCACCATGCGCTGCTCAACCTCTCCTT
CTGGCGCAAGAGAACATTTCTAGAAAAACTACTTTTGTACCAGTGTGAATAAAGTTAGTGTGTTGTCT
GTGCAGCTGCAA
ACGCGTAAGCGGCCGCGCATCTAGATTGAAGAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA
CGAGATTCGATTCCACCGCCCTTCTATGAAAGG
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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).



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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_002846.4
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 catalytic domain, and thus represents a receptor-type PTP. This PTP was found to be an autoantigen that is reactive with insulin-dependent diabetes mellitus (IDDM) patient sera, and thus may be a potential target of autoimmunity in diabetes mellitus. Alternate splicing results in multiple transcript variants.[provided by RefSeq, Dec 2010]
Locus ID:	5798
MW:	22.8