

Product datasheet for **SC215593**

PTPN20A (NM_001042396) Human 3' UTR Clone

Product data:

Product Type:	3' UTR Clones
Product Name:	PTPN20A (NM_001042396) Human 3' UTR Clone
Vector:	pMirTarget (PS100062)
Symbol:	PTPN20A
Synonyms:	bA142I17.1; CT126; hPTPN20; PTPN20B
ACCN:	NM_001042396
Insert Size:	1640 bp



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Insert Sequence: >SC215593 3'UTR clone of NM_001042396
 The sequence shown below is from the reference sequence of NM_001042396. 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
GTATCACTTTTGTACGATATTGTGCTTGAAGTTCTTCGGAACTTCTGACTTTGGATTAAGAAAGACT
TCTGTTGCCTCTCACTTGAAATTACCAAGTGGGTTTGCACCTCCTCATAAAGAACATGTTTGCACGTG
CTGAAGGGCTTTGCTATGCATACAATCTGCTTTCTTGGTTTATCAGTTTATTTCTTTCTAAAAGCTCC
CTGAAGGGCAATATCATTGGCTTGGGGTATCAGTGTACTTATTGATCTTGCTAGACAATATCAAAA
ATAACTCCCACATTTTCCAGTGAACAGATGTTACATAAAACGATTGCAGCTTGGCTATTTGGTTGAA
GGGATTACAGAGCCCAATAAAGGATTTAAATATATTCATTAAGATTTTATTTGGAAAGGTGGCTGGAG
AGAGCTGAGGATTTCCAGGACTTTGTAAGTTCATTCTGGGAGAACATAAGGCCAATAATCATGACCT
CTTCCAGGCATTTTAAAGACAGATGTCTATTCATGTTCTTTAGCTAGAGCCTGTACTTTTGTGGCAT
TTGAATAACCCAGTTTAAAAGAGTCCAGTTAGGGTGGACTAACTTTGGACACAAATTGGCTTCCATTT
CCTACATTTTCATACTGCTGCCTTCCCTACAGCTGCTAGACCAAGACCTGTTGGTCTGGGAAGCATTTCA
TGGATAGGGAGAGCTCCTCTCGGTGAACAGTCCAAAACAAAAATAGATGTTTATATAGAAAAGCCCAAGA
GGAGATTTTGGCATGCCTGAGTCTTTTCTATCCACCCTAACACTTAACATATTACTTAGTCTGCCTT
TGTTAAAAGCAAGTATTACCTTAACTTGCCCTTACTCTTTGCCCTTAGCTAACTAATAAAGTTTGA
TATAGGCATTATATATAATTCTGAGTCATTCATGGTATATCTCATGTTTGTATGATTTTTCAAACATAA
GATCTATGATAGTTTTTTTTCCAGAGTTCATTAATCATTATTTTCTTTACTTTCTCACCTCTGTTG
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TTCCATATTCTGTTTTTGAAGAGATGTGGCCATTATTACAGTAATTTTATTATAGGACTTTGCCTCGTA
CAATTAATAGTGATTTTTTGGACAAGGAGTCTGGTGACAAGCTATACCTAATTATAAGCTATAAAAACA
ATAGATATGAGTGTGTACAGTTTAACTCAATGGAGATCAGAATATTCTATGATTGAGAAAATGTTT
AATATCAATCTATAAATCTTGAATTTCTAAGAGGCTTATTTTGTCTTTTGGCTGAATGAGTATATTTG
AATTGGTTGAATAATTAATAATTCTCATTGTAATAAATAATATATGCCAAAAATATATTTGATGTTAAA
TCAAAATAGATGATTCTGTTTACATTGTTTATGAATAAATAATCTGTGTTAATTTTCAATTTGATAATTG
GCCTTTAATATTTGATCTCTAATTTTATTTTCTCTGTTACTGTAATAAATAGCTATAATGTATAA
CAATTTTCTTCCAGAAGAATTCTATGCTATTATTAATAAATAAATTTACTGTG
ACGCGTAAAGCGGCCGCGCATCTAGATTCGAAGAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA
CGAGATTTTCGATTCCACCGCCGCTTCTATGAAAGG
  
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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 ug dried plasmid DNA. The package also includes 100 pmols of both the corresponding 5' and 3' vector primers in separate vials.

RefSeq: [NM_001042396.1](#)

Summary: The product of this gene belongs to the family of classical tyrosine-specific protein tyrosine phosphatases. Many protein tyrosine phosphatases have been shown to regulate fundamental cellular processes and several are mutated in human diseases. Chromosome 10q contains a segmental duplication resulting in multiple copies of the protein tyrosine phosphatase, non-receptor type 20 gene. The two nearly identical copies are designated as PTPN20A and PTPN20B. A third copy is only partially duplicated and contains a pseudogene, designated as PTPN20C. This gene encodes the more centromeric copy, PTPN20A. Multiple alternatively spliced transcript variants encoding different isoforms have been identified. [provided by RefSeq, Jul 2008]

Locus ID: 653129

MW: 62.7