

Product datasheet for **SC215427**

PTPN20A (NM_001042391) Human 3' UTR Clone

Product data:

Product Type:	3' UTR Clones
Product Name:	PTPN20A (NM_001042391) Human 3' UTR Clone
Vector:	pMirTarget (PS100062)
Symbol:	PTPN20A
Synonyms:	bA142I17.1; CT126; hPTPN20; PTPN20B
ACCN:	NM_001042391
Insert Size:	1609 bp



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Insert Sequence:	<p>>SC215427 3'UTR clone of NM_001042391 The sequence shown below is from the reference sequence of NM_001042391. The complete sequence of this clone may contain minor differences, such as SNPs. Blue=Stop Codon Red=Cloning site</p> <pre>GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAAGCCAAGAAGGGCGGAAAGATCGCCGTG TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC GTTCTTCGGAAACTTCTGACTTTGGATTAAAGAAAGACTTCTGTTGCCTCTCACTTGAATTACCAAGTG GGTTTGCACCTCCTCATAAAGAACATGTTTGCAGTGTGCTGAAGGGCTTTGCTATGCATACAATCTGCT TTCTTGGTTTATCAGTTTATTTCTTTCTAAAAGCTCCCTGAAGGGCAATATCATTTGGCTTGGGGTGA TCAGTGTTTACTTATTGATCTTGCTAGACAATATCAAAATAAATTCCCACATTTTCCAGTGAAACAGAT GTTACATAAAAACGATTGCAGCTTGGCTATTTGGTTGAAGGGATTACAGAGCCCAATAAAGGATTTAAAA TATATTCATTAAGATTTTATTTGAAAGGTGGCTGGAGAGAGCTGAGGATTTCCAGGACTTTGTAAGTT CTTATTCTGGGAGAACATAAGGCCAATAATCATGACCTCTCCAGGCATTTTAAAGACAGATGTCTATT CATGTTCTTTAGCTAGAGCCTGTACTTTTTGCTGGCATTGTAATAACCCAGTTTAAAAAGAGTCCAGTT AGGGTGGACTAACTTTGGACACAAATTGGCTTCCATTTCTACATTTTCACTACTGCTGCCTTCTACAG CTGCTAGACCAAGACCTGTTGGTCTGGGAAGCATTTCATGGATAGGGAGAGCTCCTCTCGGTGAACAGT CCAAAATAAAATAGATGTTTATATAGAAAAGCCCAAGAGGAGATTTTGGCCATGCCTGAGTTCTTTCT ATCCCACCTAACACTTAACATATTACTTAGTCTGCTTTGTTAAAAGCAAGTATTACCTTAACTTGCC TCTTACTCTTTGCCCTTTAGCTAACTAATAAAGTTTGATATAGGCATTATATATAAATTCTGAGTCATT CATGGTATATCTCATGTTTGATGATTTTTCAAATAAGATCTATGATAGTTTTTTTTCCAGAGTTCCA TTAAATCATTTATTTCTTTACTTTCTCACCTCTGTTGAAACATTTAGAACTGGATTTGGGAACCCAA TTTTGGAAAACAGATTCATAGTCATGAAAATGGAACTTCCATATTCTGTTTTTGGAAAAGATGTGGCC ATTATTACAGTAATTTTATTATAGGACTTTGCCTCGTACAATTAATAGTGATATTTTGGACAAGGAGTT CTGGTGACAAGCTATACCTAATTATAAGCTATAAAACAATAGATATGAGTGTGTTGTACAGTTAACTCA ATGGAGATCAGAAATTTCTATGTATTGAGAAAATGTTAATATCAATCTATAAACTTTGAATTTCTAAG AGGCTTATTTTGTCTTTGGCTGAATGAGTATATTTGAATTGGTTGAATAATTAATAATTCTCATTGT AAAAATAATTATATGCCAAAATATATTTGATGTTAAATCAAATAGATGATTCTGTTTACATTGTTTCAT ATGAATAAATACTGTGTTAATTTCAATTTTGATAATTGGCCTTAAATATTGTATCTCTAATTTTATTT TCTCTCTGTTACTGTAATAAATAGCTATAATGTATAACAATTTTCTTCAGAAGAATTCTATGCTATTA TTAAAATAAAATATTTACTGTG ACGCGTAAGCGGCCGCGGCATCTAGATTGAAGAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA CGAGATTTTCGATTCCACCGCCGCTTCTATGAAAGG</pre>
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 ug dried plasmid DNA. The package also includes 100 pmols of both the corresponding 5' and 3' vector primers in separate vials.
RefSeq:	NM_001042391.1

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