

## Product datasheet for **SC215591**

### **PTPN20A (NM\_001042393) Human 3' UTR Clone**

#### **Product data:**

Product Type:	3' UTR Clones
Product Name:	PTPN20A (NM_001042393) Human 3' UTR Clone
Vector:	pMirTarget (PS100062)
Symbol:	PTPN20A
Synonyms:	bA142I17.1; CT126; hPTPN20; PTPN20B
ACCN:	NM_001042393
Insert Size:	1640 bp



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<b>Insert Sequence:</b>	<p>&gt;SC215591 3'UTR clone of NM_001042393 The sequence shown below is from the reference sequence of NM_001042393. The complete sequence of this clone may contain minor differences, such as SNPs. Blue=Stop Codon Red=Cloning site</p> <pre>GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAAGCCAAGAAGGGCGGAAAGATCGCCGTG TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC GTATCACTTTTGTACGATATTGTGCTTGAAGTTCTTCGGAACTTCTGACTTTGGATTAAGAAAGACT TCTGTTGCCTCTCACTTGAAATTACCAAGTGGGTTTGCACCTCCTCATAAAGAACATGTTTGCACGTG CTGAAGGGCTTTGCTATGCATACAATCTGCTTTCTTGGTTTATCAGTTTATTTCTTTCTAAAAGCTCC CTGAAGGGCAATATCATTGGCTTGGGGTATCAGTGTACTTATTGATCTTGCTAGACAATATCAAAA ATAACTCCCACATTTTCCAGTGAACAGATGTTACATAAAACGATTGCAGCTTGGCTATTTGGTTGAA GGGATTACAGAGCCCAATAAAGGATTTAAATATATTCATTAAGATTTTATTTGGAAAGGTGGCTGGAG AGAGCTGAGGATTTCCAGGACTTTGTAAGTTCTTATTCTGGGAGAACATAAGGCCAATAATCATGACCT CTTCCAGGCATTTTAAAGACAGATGTCTATTCATGTTCTTTAGCTAGAGCCTGTACTTTTTGCTGGCAT TTGAATAACCCAGTTTAAAAGAGTCCAGTTAGGGTGGACTAACTTTGGACACAAATTGGCTTCCATTT CCTACATTTTCATACTGCTGCCTTCCCTACAGCTGCTAGACCAAGACCTGTTGGTCTGGGAAGCATTTCA TGGATAGGGAGAGCTCCTCTCGGTGAACAGTCCAAAACAAAAATAGATGTTTATATAGAAAAGCCCAAGA GGAGATTTTGGCATGCCTGAGTTCTTTCTATCCACCCTAACACTTAACATATTACTTAGTCTGCCTT TGTTAAAAGCAAGTATTACCTTAACTTGCCCTTACTCTTTGCCCTTAGCTAACTAATAAAGTTTGA TATAGGCATTATATATAATTCTGAGTCATTCATGGTATATCTCATGTTTATGATGATTTTTCAAACATAA GATCTATGATAGTTTTTTTTCCAGAGTTCATTAATCATTATTTTCTTTACTTTCTCACCTCTGTTG AAACATTTAGAAAACCTGGATTTGGGAACCCAAATTTTGGAAAACAGATTCATAGTCATGAAAATGGAAC TTCCATATTCTGTTTTTGAAGAGATGTGGCCATTATTACAGTAATTTTATTATAGGACTTTGCCTCGTA CAATTAATAGTGATTTTTTGGACAAGGAGTTCTGGTGACAAGCTATACCTAATTATAAGCTATAAAAACA ATAGATATGAGTGTGTACAGTTTAACTCAATGGAGATCAGAATATTCTATGATTGAGAAAATGTTT AATATCAATCTATAAATCTTGAATTTCTAAGAGGCTTATTTTGTCTTTTGGCTGAATGAGTATATTTG AATTGGTTGAATAATTAATAATTCTCATTGTAAAAATAATTATATGCCAAAAATATATTTGATGTTAAA TCAAAATAGATGATTCTGTTTACATTGTTTATGATAATAAATCTGTGTTAATTTTCAATTTTGATAATTG GCCTTAAATATTTGATCTCTAATTTTATTTTCTCTGTTACTGTAAAAATAATAGCTATAATGTATAA CAATTTTCTTCCAGAAGAATTCTATGCTATTATTAATAAATAAATTTTACTGTG ACGCGTAAAGCGGCCGCGCATCTAGATTGAAGAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA CGAGATTTTCGATTCCACCGCCGCTTCTATGAAAGG</pre>
<b>Restriction Sites:</b>	Sgfl-MluI
<b>OTI Disclaimer:</b>	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).
<b>Components:</b>	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.
<b>RefSeq:</b>	<a href="#">NM_001042393.1</a>

**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