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# Product datasheet for SC215425

## PTPN20A (NM_001042390) Human 3' UTR Clone

### Product data:

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| **Product Type:** | 3' UTR Clones |
| **Product Name:** | PTPN20A (NM_001042390) Human 3' UTR Clone |
| **Symbol:** | PTPN20A |
| **Synonyms:** | bA142I17.1; CT126; hPTPN20; PTPN20B |
| **Mammalian Cell Selection:** | Neomycin |
| **Vector:** | pMirTarget (PS100062) |
| **ACCN:** | NM_001042390 |
| **Insert Size:** | 1609 bp |

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**Insert Sequence:**

>SC215425 3'UTR clone of NM_001042390
The sequence shown below is from the reference sequence of NM_001042390. The complete sequence of this clone may contain minor differences, such as SNPs.
Blue=Stop Codon Red=Cloning site

GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAGGCCAAGAAGGGCGGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC
GTTCTTCGGAAACTTCTGACTTTGGATTAAGAAAGACTTCTGTTGCCTCTCACTTGAAATTACCAAGTG
GGTTTGCACCTCCTCATAAAGAACATGTTTGCACTGTGCTGAAGGGCTTTGCTATGCATACAATCTGCT
TTCTTGGTTTATCAGTTTATTTTCTTTCTAAAAGCTCCCTGAAGGGCAATATCATTTGGCTTGGGGTGA
TCAGTGTTTACTTATTGATCTTGCTAGACAATATCAAAATAACTTCCCACATTTTCCAGTGAAACAGAT
GTTACATAAAACGATTGCAGCTTGGCTATTTGGTTGAAGGGATTACAGAGCCCAATAAAGGATTTAAAA
TATATTCATTAAGATTTTATTTGGAAAGGTGGCTGGAGAGAGCTGAGGATTTCCAGGACTTTGTAAGTT
CTTATTCTGGGAGAACATAAGGCCAATAATCATGACCTCTTCCAGGCATTTTTAAGACAGATGTCTATT
CATGTTCTTTAGCTAGAGCCTGTACTTTTTGCTGGCATTTGAATAACCCAGTTTAAAAAGAGTCCAGTT
AGGGTGGACTAACTTTGGACACAAATTGGCTTCCATTTCCTACATTTTCATACTGCTGCCTTCCTACAG
CTGCTAGACCAAGACCTGTTGGTCTGGGAAGCATTTCATGGATAGGGAGAGCTCCTCTCGGTGAACAGT
CCAAAACTAAAATAGATGTTTATATAGAAAGCCCAAGAGGAGATTTTTGCCATGCCTGAGTTCTTTCCT
ATCCCACCCTAACACTTAACATATTACTTAGTCTGCTTTGTTAAAAGCAAGTATTACCTTTAACTTGCC
TCTTACTCTTTGCCCTTTAGCTAACTAATAAAGTTTGATATAGGCATTATTATATAATTCTGAGTCATT
CATGGTATATCTCATGTTTGATGTATTTTTCAAACTAAGATCTATGATAGTTTTTTTTCCAGAGTTCCA
TTAAATCATTTATTTCCTTTACTTTCTCACCTCTGTTGAAACATTTAGAAACTGGATTTGGGAACCCAA
TTTTGGAAAACCAGATTCATAGTCATGAAAATGGAAACTTCCATATTCTGTTTTTGAAAAGATGTGGCC
ATTATTACAGTAATTTTATTATAGGACTTTGCCTCGTACAATTAATAGTGATATTTTGGACAAGGAGTT
CTGGTGACAAGCTATACCTAATTATAAGCTATAAAACAATAGATATGAGTGTTTGTACAGTTTAACTCA
ATGGAGATCAGAATATTCTATGTATTGAGAAAATGTTTAATATCAATCTATAAATCTTGAATTTCTAAG
AGGCTTATTTTGTTCTTTTGGCTGAATGAGTATATTTGAATTGGTTGAATAATTAATAATTCTCATTGT
AAAAATAATTATATGCCAAAAATATATTTGATGTTAAATCAAATAGATGATTCTGTTTACATTGTTCAT
ATGAATAATAATCTGTGTTAATTTCATTTTGATAATTGGCCTTTAATATTTGTATCTCTAATTTTATTT
TCTCTCTGTTACTGTAAAATAATAGCTATAATGTATAACAATTTTCTTCAGAAGAATTCTATGCTATTA
TTAAAATAAAATATTTACTGTG
ACGCGTAAGCGGCCGCGGCATCTAGATTCGAAGAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA
CGAGATTTCGATTCCACCGCCGCCTTCTATGAAAGG

**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_001042390.1

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| **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 |

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