

Recombinant Human PTPN20A Protein, His-tagged

Cat. No. PTPN20A-382H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human PTPN20A, transcript variant 1, fused with His tag at N-terminal was expressed in E. coli.
Species	Human
Source	E.coli
Description	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.
Form	25mM Tris, pH8.0, 150mM NaCl, 10% glycerol, 1 % Sarkosyl.
Molecular Mass	48.2 kDa
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Concentration	>50 ug/mL as determined by microplate BCA method

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GENE INFORMATION

Gene Name	PTPN20A protein tyrosine phosphatase, non-receptor type 20A [Homo sapiens]
Official Symbol	PTPN20A
Synonyms	CT126; PTPN20B; hPTPN20; bA142I17.1
Gene ID	653129
mRNA Refseq	NM_001042389
Protein Refseq	NP_001035848
MIM	610630
UniProt ID	Q4JDL3

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