

## Product datasheet for **TP312878M**

### **PTPN20B (PTPN20) (NM\_001042363) Human Recombinant Protein**

#### Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Homo sapiens protein tyrosine phosphatase, non-receptor type 20B (PTPN20B), transcript variant 8, 100 µg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC212878 representing NM_001042363 <b>Red</b> =Cloning site <b>Green</b> =Tags(s)

MWTARGPFRDRWSSSEDEEAAGPSQALSPLLSDTRKIVSEGELDQLAQIRPLIFNFHEQTAIKDCLKILE  
EKTAAYDIMQEFMALELKNLPGFNSGNQPSNREKNRYRDILPYDSTRVPLGKSKDYINASYIRIVNCGE  
EYFYIATQGPLLSTIDDFWQMVLENNSNVIAMITREIEGGIICYHYWPISLKKPLELKHFRVFLNYQI  
LQYFIIRMFQVVEKSTGTSHSVKQLQFTKWPDHGTASADSFYIRYARKSHLTGPMVVHCSAGIGRTG  
VFLCVDVWFCAIVKNCSFNIMDIVAQMREQRSGMVQTKEQYHFCYDIVLEVLRLKLLTD

**SGP**TRRRLE**QKLISEEDLAANDILDYKDDDDK**V

Tag:	C-Myc/DDK
Predicted MW:	39 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
Preparation:	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
Note:	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
Storage:	Store at -80°C.
Stability:	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
RefSeq:	<u><a href="#">NP_001035822</a></u>
Locus ID:	26095



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UniProt ID: [Q4IDL3](#), [Q9Y406](#)

RefSeq Size: 2872

Cytogenetics: 10q11.22

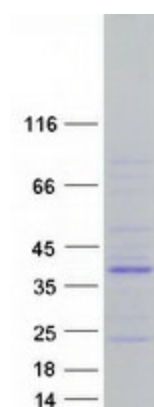
RefSeq ORF: 1017

Synonyms: bA42B19.1; bA142I17.1; CT126; PTPN20A; PTPN20B

**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. The encoded protein appears to be targeted to sites of actin polymerization. A pseudogene of this gene has been defined on chromosome 10. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Apr 2014]

**Protein Families:** Druggable Genome, Phosphatase

### Product images:



Coomassie blue staining of purified PTPN20 protein (Cat# [TP312878]). The protein was produced from HEK293T cells transfected with PTPN20 cDNA clone (Cat# [RC212878]) using MegaTran 2.0 (Cat# [TT210002]).