

## Product datasheet for PH312878

### PTPN20B (PTPN20) (NM\_001042363) Human Mass Spec Standard

#### Product data:

Product Type:	Mass Spec Standards
Description:	PTPN20B MS Standard C13 and N15-labeled recombinant protein (NP_001035822)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC212878
Predicted MW:	39 kDa
Protein Sequence:	>RC212878 representing NM_001042363 Red=Cloning site Green=Tags(s)  MWTARGPFRDRWSEDEEAAGPSQALSPLLSDTRKIVSEGELDQLAQIRPLIFNFHEQTAIKDCLKILE EKTAAYDIMQEFMALELKNLPGEFNSGNQPSNREKNRYRDILPYDSTRVPLGKSKDYINASYIRIVNCGE EYFYIATQGPLLSTIDDFWQMVLENNSNVIAMITREIEGGIICKYHYWPI SLKKPLELKHFRVFLFNQYI LQYFIIRMFQVVEKSTGTSHSVKQLQFTKWPDHGTPASADSF IKYIRYARKSHL TGPMVVHCSAGIGRTG VFLCVDVVFCAIVKNCFSNIMDIVAQMREQRSGMVQTKEQYHFCYDIVLEVLRKLLTLD  SGPTRRRRLEQKLI SEEDLAANDILDYKDDDDKV
Tag:	C-Myc/DDK
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Labeling Method:	Labeled with [U- <sup>13</sup> C <sub>6</sub> , <sup>15</sup> N <sub>4</sub> ]-L-Arginine and [U- <sup>13</sup> C <sub>6</sub> , <sup>15</sup> N <sub>2</sub> ]-L-Lysine
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3
Storage:	Store at -80°C. Avoid repeated freeze-thaw cycles.
Stability:	Stable for 3 months from receipt of products under proper storage and handling conditions.
RefSeq:	<a href="#">NP_001035822</a>
RefSeq Size:	2872
RefSeq ORF:	1017
Synonyms:	bA42B19.1; bA142I17.1; CT126; PTPN20A; PTPN20B
Locus ID:	26095



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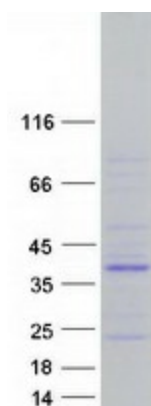
UniProt ID: [Q4JDL3](#), [Q9Y406](#)

Cytogenetics: 10q11.22

**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]).