



## Datasheet for ABIN5505752 **PTPN20A Protein (His tag)**



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### 1 Image

#### Overview

Quantity:	50 µg
Target:	PTPN20A
Origin:	Human
Source:	Escherichia coli (E. coli)
Protein Type:	Recombinant
Purification tag / Conjugate:	This PTPN20A protein is labelled with His tag.
Application:	Antibody Production (AbP), Standard (STD)

#### Product Details

Characteristics:	<ul style="list-style-type: none"><li>• Recombinant human Purified recombinant protein of Human protein tyrosine phosphatase, non-receptor type 20A (PTPN20A), transcript variant 1, full length, with N-terminal HIS tag, expressed in E.coli, 50 µg (full length, N-term HIS tag, transcript variant 1) protein expressed in E.coli.</li><li>• Produced with end-sequenced ORF clone</li></ul>
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Purification:	Purified
Purity:	> 80 % as determined by SDS-PAGE and Coomassie blue staining

#### Target Details

Target:	PTPN20A
Alternative Name:	protein tyrosine phosphatase, non-receptor type 20A ( <a href="#">PTPN20A Products</a> )
Background:	The product of this gene belongs to the family of classical tyrosine-specific protein tyrosine

## Target Details

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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.

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Molecular Weight: 48.2 kDa

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NCBI Accession: [NP\\_001035848](#)

## Application Details

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Application Notes: Recombinant human proteins can be used for:  
Native antigens for optimized antibody production  
Positive controls in ELISA and other antibody assays

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Comment: The tag is located at the N-terminal.

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Restrictions: For Research Use only

## Handling

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Concentration: 50 µg/mL

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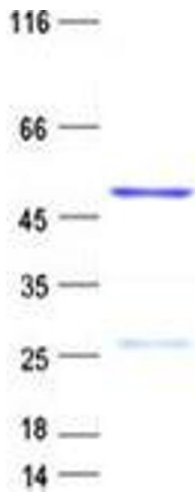
Buffer: 25 mM Tris, pH 8.0, 150 mM NaCl, 10 % glycerol, 1 % Sarkosyl.

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Storage: -80 °C

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Storage Comment: Store at -80°C. Thaw on ice, aliquot to individual single-use tubes, and then re-freeze immediately. Only 2-3 freeze thaw cycles are recommended.



**Western Blotting**

**Image 1.** Validation with Western Blot