

## Recombinant Human PTPRN protein, GST-tagged

Cat. No. PTPRN-407H Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant Human PTPRN protein(NP_001186692)(506-811 aa), fused to GST tag, was expressed in E. coli.
<b>Species</b>	Human
<b>Source</b>	E.coli
<b>ProteinLength</b>	506-811 aa
<b>Form</b>	The purified protein was Lyophilized from sterile PBS (58mM Na <sub>2</sub> HPO <sub>4</sub> , 17mM NaH <sub>2</sub> PO <sub>4</sub> , 68mM NaCl, pH7.). 5 % trehalose and 5 % mannitol are added as protectants before lyophilization.
<b>AA Sequence</b>	STPSWCEEPAQANMDISTGHMILAYMEDHLRNRDRLAKEWQALCAYQAEPNTCAT AQGEGNIKKNRHPDFLPYDHARIKLVKVESSPSRSDYINASPIIEHDPMPAYIATQGP LSHTIADFWQMVWESGCTVIVMLTPLVEDGVKQCDRYWPDEGASLYHVVEVNLVS EHIWCEDFLVRSFYLNKVNQTQETRTLTFHFLSWPAEGTPASTRPLLDFFRRKVNKC YRGRSCPIIVHCSDGAGRTGTYLIDMVLNRMAGVKEIDIAATLEHVRDQRPGLVRS KDQFEFALTAVAEVNAIKALPQ
<b>Purity</b>	85%, by SDS-PAGE with Coomassie Brilliant Blue staining.
<b>Storage</b>	Short-term storage: Store at 2-8°C for (1-2 weeks). Long-term storage: Aliquot and store at -20°C to -80°C for up to 3 months, buffer containing 50% glycerol is recommended for reconstitution. Avoid repeat freeze-thaw

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cycles.

**Reconstitution**

Reconstitute at 0.25 g/μl in 200 μl sterile water for short-term storage.  
 Reconstitution with 200 μl 50% glycerol solution is recommended for longer term storage (see Stability and Storage for more details).

## GENE INFORMATION

**Gene Name**

PTPRN protein tyrosine phosphatase, receptor type, N [ Homo sapiens ]

**Official Symbol**

PTPRN

**Synonyms**

PTPRN; protein tyrosine phosphatase, receptor type, N; receptor-type tyrosine-protein phosphatase-like N; IA 2; ICA 512; PTP IA-2; islet cell antigen 2; islet cell antigen 512; islet cell autoantigen 3; protein tyrosine phosphatase-like N; IA2; IA-2; ICA512; R-PTP-N; IA-2/PTP; FLJ16131;

**Gene ID**

5798

**mRNA Refseq**

NM\_001199763

**Protein Refseq**

NP\_001186692

**MIM**

601773

**UniProt ID**

Q16849

**SDS-PAGE**

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