

Recombinant Human PTPRN protein, GST-tagged

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

SPECIFICATION

Product Overview	Recombinant Human PTPRN protein(NP_001186692)(506-811 aa), fused to GST tag, was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	506-811 aa
Form	The purified protein was Lyophilized from sterile PBS (58mM Na ₂ HPO ₄ , 17mM NaH ₂ PO ₄ , 68mM NaCl, pH7.). 5 % trehalose and 5 % mannitol are added as protectants before lyophilization.
AA Sequence	STPSWCEEPAQANMDISTGHMILAYMEDHLRNRDRLAKEWQALCAYQAEPNTCAT AQGEGNIKKNRHPDFLPYDHARIKLKVESSPSRSDYINASPIIEHDPRMPAYIATQGP LSHTIADFWQMVWESGCTVIVMLTPLVEDGVKQCDRYWPDEGASLYHVVEVNLVS EHIWCEDFLVRSFYLNKVTQETRTLTFHFLSWPAEGTPASTRPLLDFFRKVNKC YRGRSCPIIVHCSDGAGRTGTYLIDMVLNRMAGVKEIDIAATLEHVRDQRPGLVRS KDQFEFALTAVAEVNAILKALPQ
Purity	85%, by SDS-PAGE with Coomassie Brilliant Blue staining.
Storage	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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