

Recombinant Human PTPRN, His-tagged

Cat. No. PTPRN-2064H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human PTPRN protein, fused to His-tag, was expressed in E.coli and purified by Ni-sepharose.
Species	Human
Source	E.coli
ProteinLength	506-811aa
Storage	The protein is stored in PBS buffer at -20°C. Avoid repeated freezing and thawing cycles.
Storage Buffer	1M PBS (58mM Na ₂ HPO ₄ , 17mM NaH ₂ PO ₄ , 68mM NaCl, pH8.) added with 300mM Imidazole and 0.7% Sarcosyl, 15% glycerol.

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;

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Gene ID	5798
mRNA Refseq	NM_001199763
Protein Refseq	NP_001186692
MIM	601773
UniProt ID	Q16849
Chromosome Location	2q35-q36.1
Pathway	Type I diabetes mellitus, organism-specific biosystem; Type I diabetes mellitus, conserved biosystem;
Function	GTPase binding; hydrolase activity; phosphatase activity; protein binding; protein tyrosine phosphatase activity; receptor activity; transmembrane receptor protein tyrosine phosphatase activity;

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