

Protein Tyrosine Phosphatase Receptor Type N (PTPRN) Recombinant Protein | PTPRN recombinant protein

Recombinant Protein Tyrosine Phosphatase Receptor Type N (PTPRN)

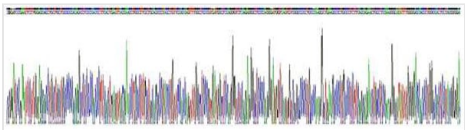
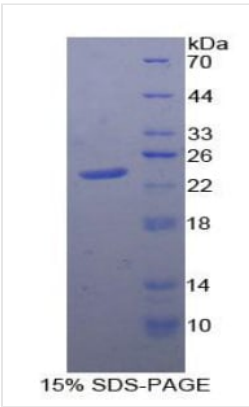
CATALOG # AAA135530	HOST E.coli	REACTIVITY Homo sapiens (Human)	APPLICATIONS Western Blot, SDS-Page
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PRODUCT SYNONYMS

Protein Tyrosine Phosphatase Receptor Type N (PTPRN); Recombinant Protein Tyrosine Phosphatase Receptor Type N (PTPRN); PTPRN recombinant protein

PRODUCT SPECIFICATIONS

Host	E.coli
Reactivity	Homo sapiens (Human)
Purity/Purification	> 97%
Form/Format	PBS, pH7.4, containing 0.01% SKL, 5% Trehalose .
Concentration	Original Concentration: 200ug/mL (varies by lot)
Applicable Applications for PTPRN recombinant protein	WB (Western Blot), SDS-PAGE, Immunogen, Positive Control
Source	Prokaryotic expression
Residues	Leu185~Leu367
Tags	N-terminal His Tag
Subcellular Location	Secreted
Traits	Freeze-dried powder
Predicted isoelectric point	5.2
Usage	Reconstitute in 10mM PBS (pH7.4) to a concentration of 0.1-1.0 mg/mL. Do not vortex.
Preparation and Storage	Storage: Avoid repeated freeze/thaw cycles. Store at 2-8 degree C for one month. Aliquot and store at -80 degree C for 12 months. Stability Test: The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37 degree C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.



Gene Sequence
Gene Sequencing (extract)

SDS-PAGE

LEHLLPPQPHPSLSYEPALLQPVLFNDFGSDGSRVSECSPPQVSVGPLKAEAPALFSRTASKGTFGNHPSYKGLPGPSPAQL
FQDSGLLYLAQELPAPSRARVPRLPEQSSRAEDSPGEYKEGLDRIKPKSPAVQDAALQRLAAVLGYVELRLTPEQLSTL
LTLLQLL

Sequence

NCBI AND UNIPROT INFORMATION

NCBI GI #	315113878
NCBI GeneID	5798
NCBI Accession #	NP_001186692.1
NCBI GenBank Nucleotide #	NM_001199763.1
UniProt Accession #	Q16849; Q08319; Q53QD6; Q6NSL1; B4DK12; F5GZS3
Molecular Weight	Predicted Molecular Mass: 20.7kDa Accurate Molecular Mass: 23kDa as determined by SDS-PAGE reducing conditions.
NCBI Official Full Name	receptor-type tyrosine-protein phosphatase-like N isoform 2
NCBI Official Synonym Full Names	protein tyrosine phosphatase, receptor type, N
NCBI Official Symbol	PTPRN
NCBI Official Synonym Symbols	IA2; IA-2; ICA512; R-PTP-N; IA-2/PTP
NCBI Protein Information	receptor-type tyrosine-protein phosphatase-like N; ICA 512; PTP IA-2; islet cell antigen 2; islet cell antigen 512; islet cell autoantigen 3; protein tyrosine phosphatase-like N
UniProt Protein Name	Receptor-type tyrosine-protein phosphatase-like N
UniProt Gene Name	PTPRN
UniProt Synonym Gene Names	ICA3; ICA512; R-PTP-N; ICA 512
UniProt Entry Name	PTPRN_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.