

Receptor-type tyrosine-protein phosphatase-like N Recombinant Protein | PTPRN recombinant protein

Recombinant Human Receptor-type tyrosine-protein phosphatase-like N

CATALOG # AAA116698	HOST E Coli or Yeast or Baculovirus or Mammalian Cell
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PRODUCT SYNONYMS

Receptor-type tyrosine-protein phosphatase-like N; Recombinant Human Receptor-type tyrosine-protein phosphatase-like N; Islet cell antigen 512; ICA 512; Islet cell autoantigen 3; PTP IA-2; PTPRN recombinant protein

PRODUCT SPECIFICATIONS

Host	E Coli or Yeast or Baculovirus or Mammalian Cell
Purity/Purification	Greater or equal to 85% purity as determined by SDS-PAGE.
Form/Format	Lyophilized or liquid (Format to be determined during the manufacturing process)
Sequence Positions	35-575aa; partial
Sequence	VSAHGCLFDR RLCSHLEVCI QDGLFGQCQV GVGQARPLLQ VTSPVLQRLQ GVLRQLMSQG LSWHDDLTQY VISQEMERIP RLRPPEPRPR DRSG LAPKRP GPAGELLQD IPTGSAPAAQ HRLPQPPVGK GGAGASSLS PLQAELLPL LEHLLPPQP PHPSLSYEP A LLQPYLFHQF GSRDGSRVSE GSPGMVSVGP LPKAEAPALF SRTASKGIFG DHPGHSYGD L PGPSPAQLFQ DSGLLYLAQE LPAPSRARVP RLPEQGSSSR AEDSPEGYEK EGLGDRGEKP ASPAVQPDAA LQRLAAVLG YGVELRQLTP EQLSTLLTLL QLLPKGAGR N PGGVVNVGAD IKKTMEGPVE GRDTAELPAR TSPMPGHPTA SPTSSEVQQV PSPVSSEPPK AARPPVTPVL LEKKSPLGQS QPTVAGQPSA RPAAEEYGYI VTDQKPLSLA AGVKLLEILA EHVHMSSGSF INISVVGPA L TFRIRHNEQN LSLADVTQQA GLVKSELEAQ TGLQILQ TGV GQREEAAVL PQT AHSTSPM R
Species	Homo sapiens (Human)
Preparation and Storage	Store at -20 degree C, for extended storage, conserve at -20 degree C or -80 degree C.

ADDITIONAL INFORMATION

Related Product Information for PTPRN recombinant protein	Implicated in neuroendocrine secretory processes. May be involved in processes specific for neurosecretory granules, such as their biogenesis, trafficking or regulated exocytosis or may have a general role in neuroendocrine functions. Seems to lack intrinsic enzyme activity. May play a role in the regulation of secretory granules via its interaction with SNTB2.
Product Categories/Family for PTPRN recombinant protein	Signal Transduction
References	"Molecular cloning and identification of a receptor-type protein tyrosine phosphatase, IA-2, from human insulinoma." Lan M.S., Lu J., Goto Y., Notkins A.L. DNA Cell Biol. 13:505-514(1994)

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	59.3 kDa
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
UniProt Protein Name	Receptor-type tyrosine-protein phosphatase-like N
UniProt Gene Name	PTPRN
UniProt Synonym Gene Names	ICA3; ICA512; 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.

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Online datasheet: <https://stage.aaabiotech.com/ptprn-recombinant-protein-e-coli-or-yeast-or-baculovirus-or-mammalian-cell/116698>