

Receptor-type tyrosine-protein phosphatase N2 (Ptprn2) Recombinant Protein | Ptprn2 recombinant protein

Recombinant Mouse Receptor-type tyrosine-protein phosphatase N2 (Ptprn2)

CATALOG # AAA113615	HOST E Coli or Yeast or Baculovirus or Mammalian Cell
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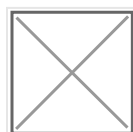
PRODUCT SYNONYMS

Receptor-type tyrosine-protein phosphatase N2 (Ptprn2); Recombinant Mouse Receptor-type tyrosine-protein phosphatase N2 (Ptprn2); Ptprn2 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	28-600aa, Full Length of Mature Protein
Sequence	RGRQLPGR LG CLFEDGLCGS LETCVNDGVF GRCQKVPVMD TYRYEVPPGA LLHLKVT LQK LSRTGFTWQD DYTQRVIAQE LANLPKAYLW HGEASGPARS LQQNADNEKW FSLEREVALA KTLRRYPYL ELLSQTPTAN AHSRIDHETR PAKGEDSSPE NILTYVAHTS ALTYPPATRA KYPDNL RPF SRLQPDELS P KVDGDIDKQK LIAALGAYTA QRLPGENDPE PRYL VHGSAR APRPFSATAL SQRWPPPPGD AKDSPSMDDD TLLQSLLKDL QQNSEVDRLG PLKEEKADSV AGAIQSDPAE GSQESHGRGA EGQPREQ TDA PETMLQDHRL SEVDDPVYKE VNRLSFQLGD LLKDYGSPLL PEGPLLEKSS REEIKKSEQP EEVLSSEET AGVEHVR SRT YSKDLFERKP NSEPQPRRLE DQFQNRAPEL WEDEESLKLA AQGPPSGGLQ LEVQPSEEQQ GYILTGN NPL SPEKGKQLMD QVAHILRVPS SFFADIKVLG PAVTFKVSAN IQNMTTADVI KAAADNKDQL EKATGLTILQ SGIRPKGK LK LLPHQEEQED STK
Sequence Length	~600
Preparation and Storage	Store at -20 degrees C. For long-term storage, store at -20 degrees C or -80 degrees C. Store working aliquots at 4 degrees C for up to one week. Repeated freezing and thawing is not recommended.

IMAGES



SDS-PAGE

ADDITIONAL INFORMATION

Related Product Information for Ptprn2 recombinant protein	This protein is a member of the protein tyrosine phosphatase (PTP) family. PTPs are known to be signaling molecules that regulate a variety of cellular processes including cell growth, differentiation, mitotic cycle, and oncogenic transformation. This PTP possesses an extracellular region, a single transmembrane region, and a single intracellular catalytic domain, and thus represents a receptor-type PTP. The catalytic domain of this PTP is most closely related to PTPRN IA-2beta. This PTP and PTPRN are both found to be major autoantigens associated with insulin-dependent diabetes mellitus. Three alternatively spliced transcript variants of this gene, which encode distinct proteins, have been reported.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	226052731
NCBI GeneID	19276
NCBI Accession #	NP_035345.2
NCBI GenBank Nucleotide #	NM_011215.2
UniProt Accession #	P80560; O09134; P70328; Q1RLJ1
Molecular Weight	65.7 kDa
NCBI Official Full Name	receptor-type tyrosine-protein phosphatase N2
NCBI Official Synonym Full Names	protein tyrosine phosphatase, receptor type, N polypeptide 2
NCBI Official Symbol	Ptpn2
NCBI Official Synonym Symbols	PhoI; PTP-NP; IA2beta; phogrin; mKIAA0387; 4930425H11Rik
NCBI Protein Information	receptor-type tyrosine-protein phosphatase N2
UniProt Protein Name	Receptor-type tyrosine-protein phosphatase N2
UniProt Gene Name	Ptpn2
UniProt Synonym Gene Names	PTP-NP

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/ptprn2-recombinant-protein-e-coli-or-yeast-or-baculovirus-or-mammalian-cell/113615>