

Receptor-type tyrosine-protein phosphatase N2 (PTPRN2) Recombinant Protein | PTPRN2 recombinant protein

Recombinant Human Receptor-type tyrosine-protein phosphatase N2 (PTPRN2), partial

CATALOG # AAA117740	HOST E Coli or Yeast or Baculovirus or Mammalian Cell
-------------------------------	---

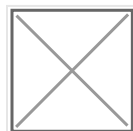
PRODUCT SYNONYMS

Receptor-type tyrosine-protein phosphatase N2 (PTPRN2); Recombinant Human Receptor-type tyrosine-protein phosphatase N2 (PTPRN2); partial; 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	22-615aa, Extracellular domain
Sequence	AAPSSVPRGR QLPGR LGCLL EEGLCGASEA CVNDGVFGRC QKVPAMDFYR YEVSPVALQR LRVALQKLSG TGFTWQDDYT QYVMDQELAD LPKTYLRRPE ASSPARPSKH SVGSERRYSR EGGAALANAL RRHLPFLEAL SQAPASDVLA RHTAQDRPP AEGDDRFSES ILTYVAHTSA LTYPPGSRTQ LREDLLPRTL GQLQPDELSP KVD SGVDRHH LMAALSAYAA QRPPAPPGE G SLEPQYLLRA PSRMPRPLLA PAAPQKWPS LGDSEDPSST GDGARIHTLL KDLQRQPAEV RGLSGLELDG MAELMAGLMQ GVDHGVARGS PGRAALGESG EQADGPKATL RGDSFPDDGV QDDDDRLYQE VHRLSATLGG LLQDHGSRLL PGALPFARPL DMERKKSEHP ESSLSSEET AGVENKSQT YSKDLLGQQP HSEPGAAAFG ELQNQMPGPS KEEQSLPAGA QEALSDGLQL EVQPSEEEAR GYIVTDRDPL RPEEGRRRLVE DVARLLQVPS SAFADVEVLG PAVTFKVSAN VQNVTTEDVE KATVDNKDKL EETSGLKILQ TGVGSKSKLK FLPPQAEQED STKF
Sequence Length	998
Species	Human
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.
--	---

NCBI AND UNIPROT INFORMATION

NCBI GI #	815891243
NCBI GeneID	5799
NCBI Accession #	NP_001295196.1
NCBI GenBank Nucleotide #	NM_001308267.1
UniProt Accession #	Q92932; Q8N4I5; Q92662; Q9Y4F8; Q9Y4I6; E9PC57
Molecular Weight	66.1 kDa
NCBI Official Full Name	receptor-type tyrosine-protein phosphatase N2 isoform 4
NCBI Official Synonym Full Names	protein tyrosine phosphatase, receptor type N2
NCBI Official Symbol	PTPRN2
NCBI Official Synonym Symbols	IAR; ICAAR; PTPRP; IA-2beta; R-PTP-N2
NCBI Protein Information	receptor-type tyrosine-protein phosphatase N2
UniProt Protein Name	Receptor-type tyrosine-protein phosphatase N2
UniProt Gene Name	PTPRN2
UniProt Synonym Gene Names	KIAA0387; ICAAR

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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/ptprn2-recombinant-protein-e-coli-or-yeast-or-baculovirus-or-mammalian-cell/117740>