Receptor-type tyrosine-protein phosphatase S (Ptprs) Recombinant Protein | Ptprs recombinant protein

Recombinant Mouse Receptor-type tyrosine-protein phosphatase S (Ptprs) , partial

CATALOG #	HOST
AAA114820	**E Coli or Yeast or Baculovirus or Mammalian Cell**

PRODUCT SYNONYMS

Receptor-type tyrosine-protein phosphatase S (Ptprs); Recombinant Mouse Receptor-type tyrosine-protein phosphatase S (Ptprs); partial; Ptprs 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	1631-1907. partial
Sequence	EPGEHVTGME LEFKRLASSK AHTSRFITAS LPCNKFKNRL VNILPYESSR VCLQPIRGVE GSDYINASFI DGYRQQKAYI ATQGPLAETT EDFWRALWEN NSTIVVMLTK LREMGREKCH QYWPAERSAR YQYFVVDPMA EYNMPQYILR EFKVTDARDG QSRTVRQFQF TDWPEQGAPK SGEGFIDFIG QVHKTKEQFG QDGPISVHCS AGVGRTGVFI TLSIVLERMR YEGVVDIFQT VKVLRTQRPA MVQTEDEYQF CFQAALEYLG SFDHYAT
Species	Mouse
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.

ADDITIONAL INFORMATION

Related Product Information for Ptprs 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 contains an extracellular region, a single transmembrane segment and two tandem intracytoplasmic catalytic domains, and thus represents a receptor-type PTP. The extracellular region of this protein is composed of multiple Ig-like and fibronectin type III-like domains. Studies of the similar gene in mice suggested that this PTP may be involved in cell-cell interaction, primary axonogenesis, and axon guidance during embryogenesis. This PTP has been also implicated in the molecular control of adult nerve repair. Four alternatively spliced transcript variants, which encode distinct proteins, have been reported.

NCBI AND UNIPROT INFORMATION

NCBI GI #	356995860
NCBI GeneID	19280
NCBI Accession #	NP_001239382.1
NCBI GenBank Nucleotide #	NM_001252453.1
UniProt Accession #	B0V2N1; Q3TEC3; Q3TXC9; Q4JFC7; Q5XJV4; Q64503; Q64699; Q7TT17
Molecular Weight	206,825 Da
NCBI Official Full Name	receptor-type tyrosine-protein phosphatase S isoform 2
NCBI Official Synonym Full Names	protein tyrosine phosphatase, receptor type, S

NCBI Official Symbol	Ptprs
NCBI Official Synonym Symbols	PTP; Ptpt9; PTP-NU3; PTPNU-3; R-PTP-S; AL022616; PTPsigma; RPTPsigma
NCBI Protein Information	receptor-type tyrosine-protein phosphatase S
UniProt Protein Name	Receptor-type tyrosine-protein phosphatase S
UniProt Gene Name	**Ptprs**
UniProt Synonym Gene Names	R-PTP-S; R-PTP-sigma

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://www.aaabiotech.com/ptprs-recombinant-protein-e-coli/114820