



Recombinant Human Receptor-type tyrosine-protein phosphatase-like N (PTPRN)

Product Code	CSB-MP613703HU
Abbreviation	PTPRN
Storage	Store at -20°C, for extended storage, conserve at -20°C or -80°C.
Uniprot No.	Q16849
Product Type	Recombinant Protein
Immunogen Species	Homo sapiens (Human)
Purity	>85% (SDS-PAGE)
Sequence	VSAHGC LFDRLCSHL EVCIQDGLFG QCQVGVGQAR PLLQVTSPVL QRLQGVLRQL MSQGLSWHDD LTQYVISQEM ERIPRLRPPE PRPRDRSGLA PKRPGPAGEL LLQDIPTGSA PAAQHRLPQP PVGKGGAGAS SSSLPLQAEI LPPLLEHLLL PPQPPHPSLS YEPALLQPYL FHQFGSRDGS RVSEGSPGMV SVGGLPKAEA PALFSRTASK GIFGDHPGHS YGDLPGPSPA QLFQDSGLLY LAQELPAPSR ARVPRLPEQG SSSRAEDSPE GYEKEGLGDR GEKPASPAVQ PDAALQRLAA VLAGYGVELR QLTPEQLSTL LTLQLLPKG AGRNPGGVVN VGADIKKTME GPVEGRDTAE LPARTSPMPG HPTASPTSSE VQQVPSPVSS EPPKAARPPV TPVLEKKSP LGQSQPTVAG QPSARPAEE YGYIVTDQKP LSLAAGVKLL EILAEHVHMS SGSFINISVV GPALTRIRH NEQNLSLADV TQQAGLVKSE LEAQTGLQIL QTGVGQREEA AAVLPQTAHS TSPMR
Source	Mammalian cell
Target Names	PTPRN
Protein Names	Recommended name: Receptor-type tyrosine-protein phosphatase-like N Short name= R-PTP-N Alternative name(s): Islet cell antigen 512 Short name= ICA 512 Islet cell autoantigen 3 PTP IA-2
Expression Region	35-575
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Tag Info	Tag type will be determined during the manufacturing process.
Protein Length	Extracellular domain
Reconstitution	We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%. Customers could use it as reference.
Shelf Life	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life



of lyophilized form is 12 months at -20°C/-80°C.