



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

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| <b>Product Code</b>      | CSB-EP613703HU-B   |
| <b>Abbreviation</b>      | PTPRN  |
| <b>Storage</b>           | Store at -20°C, for extended storage, conserve at -20°C or -80°C.  |
| <b>Uniprot No.</b>       | Q16849   |
| <b>Product Type</b>      | Recombinant Protein  |
| <b>Immunogen Species</b> | Homo sapiens (Human)   |
| <b>Purity</b>            | >85% (SDS-PAGE)  |
| <b>Sequence</b>          | VSAHGC LFDRLCSHL EVCIQDGLFG QCQVGVGQAR PLLQVTSPVL<br>QRLQGVLRQL MSQGLSWHDD LTQYVISQEM ERIPRLRPPE PRPRDRSGLA<br>PKRPGPAGEL LLQDIPTGSA PAAQHRLPQP PVGKGGAGAS SSSLPLQAEI<br>LPPLLEHLLL PPQPPHPSLS YEPALLQPYL FHQFGSRDGS RVSEGSPGMV<br>SVGGLPKAEA PALFSRTASK GIFGDHPGHS YGDLPGPSPA QLFQDSGLLY<br>LAQELPAPSR ARVPRLPEQG SSSRAEDSPE GYEKEGLGDR GEKPASPAVQ<br>PDAALQRLAA VLAGYGVELR QLTPEQLSTL LTLQLLPKG AGRNPGGVVN<br>VGADIKKTME GPVEGRDTAE LPARTSPMPG HPTASPTSSE VQQVPSPVSS<br>EPPKAARPPV TPVLEKKSP LGQSQPTVAG QPSARPAEE YGYIVTDQKP<br>LSLAAGVKLL EILAEHVHMS SGSFINISVV GPALTRIRH NEQNLSLADV<br>TQQAGLVKSE LEAQTGLQIL QTGVGQREEA AAVLPQTAHS TSPMR |
| <b>Source</b>            | E.coli   |
| <b>Target Names</b>      | PTPRN  |
| <b>Protein Names</b>     | 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  |
| <b>Expression Region</b> | 35-575   |
| <b>Notes</b>             | Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.  |
| <b>Tag Info</b>          | Tag type will be determined during the manufacturing process.  |
| <b>Protein Length</b>    | Extracellular domain   |
| <b>Reconstitution</b>    | 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.  |
| <b>Shelf Life</b>        | 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.