



Recombinant Rat Tyrosine-protein phosphatase non-receptor type 5 (Ptpn5)

Product Code	CSB-EP019042RA
Storage	Store at -20°C, for extended storage, conserve at -20°C or -80°C.
Uniprot No.	P35234
Product Type	Recombinant Protein
Immunogen Species	Rattus norvegicus (Rat)
Purity	>85% (SDS-PAGE)
Sequence	MEEKVEDDFL DLDAVPETPV FDCVMDIKPE ADPTSLTVKS MGLQERRGSN VSLTLDMCTP GCNEEGFGYL VSPREESAHE YLLSASRVLR AEELHEKALD PFLQLAEFFE IPMNFVDPKE YDIPGLVRKN RYKTILPNPH SRVRLTSPDP EDPLSSYINA NYIRGYNGEE KVYIATQGPI VSTVVDFWRM VWQERTPIIV MITNIEEMNE KCTEYWPEEQ VVHDGVEITV QKVIHTEDYR LRLISLRRGT EERGLKHYWF TSWPDQKTPD RAPLLHLVLR EVEEAAQQEG PHCSPIIVHC SAGIGRTGCF IATSICCQQL RREGVVDILK TTCQLRQDRG GMIQTCEQYQ FVHHAMSLYE KQLSLQSSE
Source	E.coli
Target Names	Ptpn5
Protein Names	Recommended name: Tyrosine-protein phosphatase non-receptor type 5 EC= 3.1.3.48 Alternative name(s): Neural-specific protein-tyrosine phosphatase Striatum-enriched protein-tyrosine phosphatase Short name= STEP
Expression Region	1-369
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	Full length protein
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.