



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

<b>Product Code</b>	CSB-EP019042RA-B
<b>Storage</b>	Store at -20°C, for extended storage, conserve at -20°C or -80°C.
<b>Uniprot No.</b>	P35234
<b>Product Type</b>	Recombinant Protein
<b>Immunogen Species</b>	Rattus norvegicus (Rat)
<b>Purity</b>	>85% (SDS-PAGE)
<b>Sequence</b>	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
<b>Source</b>	E.coli
<b>Target Names</b>	Ptpn5
<b>Protein Names</b>	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
<b>Expression Region</b>	1-369
<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>	Full length protein
<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.