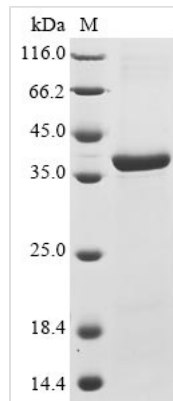




Recombinant Mouse Receptor-type tyrosine-protein phosphatase S (Ptpsr), partial

Product Code	CSB-EP019064MO
Abbreviation	Recombinant Mouse Ptpsr protein, partial
Storage	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.
Uniprot No.	B0V2N1
Form	Liquid or Lyophilized powder
Storage Buffer	If the delivery form is liquid, the default storage buffer is Tris/PBS-based buffer, 5%-50% glycerol. If the delivery form is lyophilized powder, the buffer before lyophilization is Tris/PBS-based buffer, 6% Trehalose.
Product Type	Recombinant Protein
Immunogen Species	Mus musculus (Mouse)
Purity	Greater than 85% as determined by SDS-PAGE.
Sequence	EPGEHVTGMELEFKRLASSKAHTSRFITASLPCNKFKNRLVNILPYESSRVCLQ PIRGVEGSDYINASFIDGYRQQKAYIATQGPLAETTEDFWRALWENNSTIVVML TKLREMGREKCQYWPAERSARYQYFVVDPMAEYNMPQYILREFKVTDARDG QSRTVRQFQFTDWPEQGAPKSGEGFIDFIGQVHKTKEQFGQDGPISVHCSAG VGRTGVFITLSIVLERMRYEGVVDIFQTVKVLRTQRPAMVQTEDEYQFCFQAAL EYLGSEFDHYAT
Research Area	Neuroscience
Source	E.coli
Target Names	Ptpsr
Expression Region	1631-1907aa
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Tag Info	N-terminal 10xHis-tagged and C-terminal Myc-tagged
Mol. Weight	39.2 kDa
Protein Length	Partial
Image	



(Tris-Glycine gel) Discontinuous SDS-PAGE (reduced) with 5% enrichment gel and 15% separation gel.

Description

To achieve the expression of the recombinant Mouse Ptprs protein in e.coli cells, a DNA fragment encoding the Mouse Ptprs protein (1631-1907aa) is inserted into a plasmid vector, which is then transferred to e.coli cells. After screening positive cells, they are cultured and induced to create the Ptprs protein. The protein features a N-terminal 10xHis tag and C-terminal Myc tag fusion. The recombinant Mouse Ptprs protein is purified from the cell lysate through affinity purification. The purity of the obtained recombinant Mouse Ptprs protein is greater than 85%, measured by SDS-PAGE.

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.