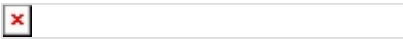




Recombinant Human Protein phosphatase 1 regulatory subunit 1B (PPP1R1B)

Product Code	CSB-EP880070HUa0
Abbreviation	Recombinant Human PPP1R1B protein
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.	Q9UD71
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 Human Protein phosphatase 1 regulatory subunit 1B(PPP1R1B)
Immunogen Species	Homo sapiens (Human)
Purity	Greater than 90% as determined by SDS-PAGE.
Sequence	MDPKDRKKIQFSVPAPPSQLDPRQVEMIRRRRPTPAMLFRLSEHSSPEEEASP HQRASGEGHHLKSKRPNPCAYTPPSLKAVQRIAESHLSISNLNENQASEEED ELGELRELGYPREEDEEEEEEDDEEEEEEEEDSQAENVLKVIRQSAGQKTTGQG LEGPWERPPP
Research Area	Neuroscience
Source	E.coli
Target Names	PPP1R1B
Expression Region	1-168aa
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Tag Info	N-terminal 6xHis-tagged
Mol. Weight	23.2 kDa
Protein Length	Full Length of Isoform 2
Image	 (Tris-Glycine gel) Discontinuous SDS-PAGE (reduced) with 5% enrichment gel and 15% separation gel.

Description

An appropriate expression vector successfully incorporates the full-length human PPP1R1B gene fragment, spanning amino acids 1-168 and featuring an N-terminal 6xHis-tag. Subsequently, the recombinant expression vector



harboring the PPP1R1B gene fragment is introduced into competent E. coli cells. Following a meticulous selection process, the transformed cells are cultured to enable the expression of the desired recombinant protein. After a suitable induction period, the E. coli cells are harvested and lysed, resulting in the release of cellular contents, including the expressed recombinant PPP1R1B protein. SDS-PAGE analysis reveals the purity of the obtained human PPP1R1B protein to surpass 90%.

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.