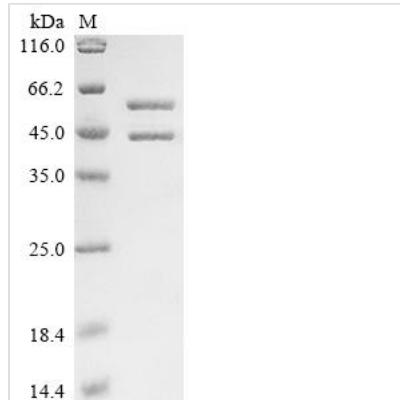




Recombinant Streptococcus pyogenes serotype M1 C5a peptidase (scpA), partial

Product Code	CSB-EP350120SMT
Abbreviation	Recombinant Streptococcus pyogenes serotype M1 scpA 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.	P58099
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 Streptococcus pyogenes serotype M1 C5a peptidase(scpA),partial
Immunogen Species	Streptococcus pyogenes serotype M1
Purity	Greater than 85% as determined by SDS-PAGE.
Sequence	KATIRDLNDPSQVKTLQEKGAGTVVAVIDAGFDKNHEAWRLTDKTARYQ SKEDLEKAKKEHGITYGEWVNDKVAYYHDYSKDGKTAVDQEHGTHVSGILSG NAPSETKEPYRLEGAMPEAQLLLMRVEIVNGLADYARNYAQAIIDAVNLGAKVI NMSFGNAALAYANLPDETKKAFDYAKSKGVSIVTSAGNDSSFGGKTRLPLADH PDYGVVGTPAAADSTLTVASYSPDKQLTETATVKTADQQDKEMPVLSTNRFE PNKAYDYAYANRGMKEDDFKDVKGKIALIERGDIDFKDKIANAKKAGAVGVLIY DNQDKGFPIELPNVDQMPAAFISRKDGLLKENPQKTITFNATPKVLPTASGTK LSRFSSWGLTADGNIKPDIAAPGQDILSSVANNKYAKLSGTSMSAPLVAGIMGL LQKQYETQYPDMTPSERLDLAKKVL MSSATALYDEDEKAYFSPRQQGAGAVD AKKAS
Research Area	Cell Biology
Source	E.coli
Target Names	scpA
Expression Region	99-581aa
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Tag Info	Tag-Free
Mol. Weight	52.3 kDa
Protein Length	Partial
Image	



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

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.