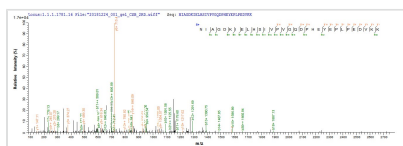




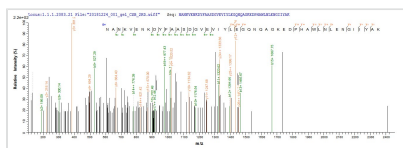
Recombinant Streptococcus pneumoniae Manganese ABC transporter substrate-binding lipoprotein (psaA)

Product Code	CSB-EP337054FMW
Abbreviation	Recombinant Streptococcus pneumoniae psaA 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.	P42363
Storage Buffer	Tris-based buffer,50% glycerol
Product Type	Recombinant Protein
Immunogen Species	Streptococcus pneumoniae
Purity	Greater than 85% as determined by SDS-PAGE.
Sequence	CSKGTSSKSSSDKLKVVTTNSILADITKNIAGDKIELHSIVPVGQDPHEYEPLPE DVKKTSQADLIFYNGINLETGGNAWFTKLVKNANKVENKDYFAASDGVVEVIYLE GQNQAGKEDPHAWLNLENGIYAKNIAKQLIAKDPKNKDFYEKNLAAYTEKLSK LDQEAQAFNNIPAEEKMIVTSEGCFKYFSKAYGVPSAYIWEINTEVEGTPEQI KTLLEKLRQTKVPSLFEVSSVDERPMKTVSKDSNIPIFAKIFTDSIAKEGEEGDS YYSMMKWNLKIAEGLNK
Research Area	Others
Source	E.coli
Target Names	psaA
Protein Names	Recommended name: Manganese ABC transporter substrate-binding lipoprotein Alternative name(s): Pneumococcal surface adhesin A
Expression Region	21-310aa
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	39.9 kDa
Protein Length	Full Length of Mature Protein

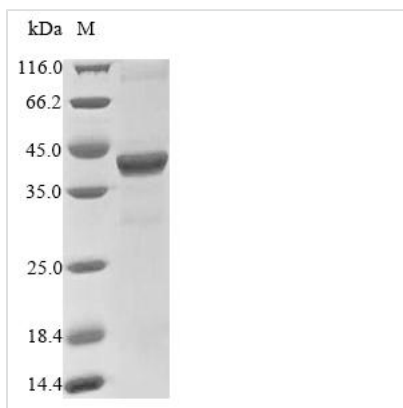
Image



Based on the SEQUEST from database of E.coli host and target protein, the LC-MS/MS Analysis result of CSB-EP337054FMW could indicate that this peptide derived from E.coli-expressed Streptococcus pneumoniae psaA.



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(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

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