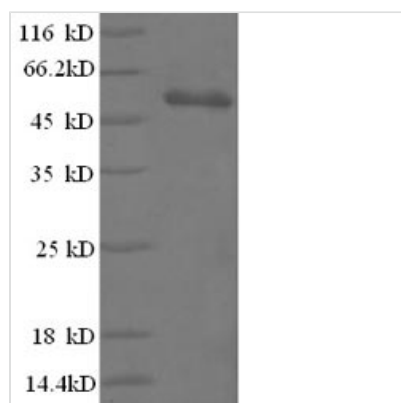




Recombinant *Bacillus thuringiensis* subsp. Pesticidal crystal protein cry1Fb (cry1Fb), partial

Product Code	CSB-EP528987BRS
Relevance	Promotes colloidosmotic lysis by binding to the midgut epithelial cells of insects.
Abbreviation	Recombinant <i>Bacillus thuringiensis</i> subsp. morrisoni cry1Fb 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.	O66377
Alias	132 kDa crystal protein;Crystalline entomocidal protoxinInsecticidal delta-endotoxin CryIF(b)
Product Type	Recombinant Protein
Immunogen Species	<i>Bacillus thuringiensis</i> subsp. morrisoni
Purity	≥ 90% as determined by SDS-PAGE.
Sequence	VKGHVDVEEQNNHRSVLVPEWEAEVSQEVRCVCPGRGYILRVTAAYKEGYGE GCVTIHEVDNNTDELKFSSNCEKEQVYPGNTVACNDYNKNHGANACSSRNG GYDESYESNSSIPADYAPVYEEEEAYTDGQRGNPCEFNRGHTPLPAGYVTAEL EYFPETDTVWVEIGETEGTFIVDSVELLLMEE
Source	E.coli
Target Names	cry1Fb
Expression Region	984-1169aa
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Tag Info	N-terminal GST-tagged
Mol. Weight	47.8 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.