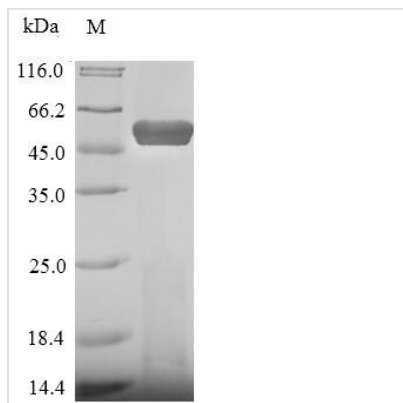


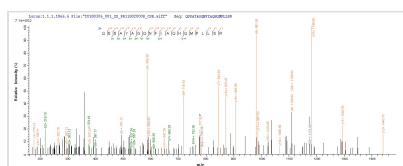


Recombinant Staphylococcus aureus Leukocidin-F subunit (lukF)

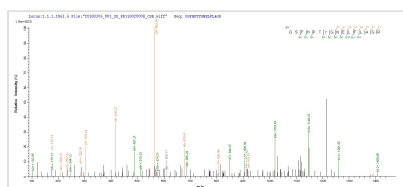
Product Code	CSB-EP330106FKZ
Relevance	Leukocidin causes cytotoxic changes in polymorphonuclear leukocytes. Gamma-hemolysin causes hemolysis in red blood cells.
Abbreviation	Recombinant Staphylococcus aureus lukF protein
Storage	The shelf life is related to many factors, storage state, buffer ingredients, 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.	P31715
Alias	Gamma-hemolysin, H-gamma-I subunit
Product Type	Recombinant Protein
Immunogen Species	Staphylococcus aureus
Purity	≥ 90% as determined by SDS-PAGE.
Sequence	AEGKITPVSVKKVDDKVTLTKTTATADSDKFKISQILTFNFIKDKSYDKDTLVLKA TGNINSGFVKPNPNNDYDFSKLYWGAKYNVSISSQSNDSVNAVVDYAPKNQNEE FQVQNTLGYTFGGDISISNGLSGGLNGNTAFSETINYKQESYRTLSTNTNYKN VGWGV EAHKIMNGWGPYGRDSFHPTYGNELFLAGRQSSAYAGQNFI AQHQM PLLSRSNPNPEFLSVLSHRQDRAKKSKITVTYQREMDLYQIRWNGFYWAGAN YKNFKTRTFKSTYEIDWENHKVKLLDTKETENNK
Research Area	others
Source	E.coli
Target Names	lukF
Protein Names	Recommended name: Leukocidin-F subunit Alternative name(s): Gamma-hemolysin, H-gamma-I subunit
Expression Region	26-323aa
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Tag Info	N-terminal 10xHis-SUMO-tagged and C-terminal Myc-tagged
Mol. Weight	54.0kDa
Protein Length	Full Length of Mature Protein
Image	



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



Based on the SEQUEST from database of E.coli host and target protein, the LC-MS/MS Analysis result of CSB-EP330106FKZ could indicate that this peptide derived from E.coli-expressed *Staphylococcus aureus* lukF.



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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.