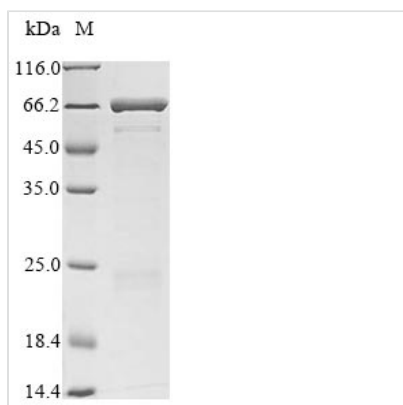


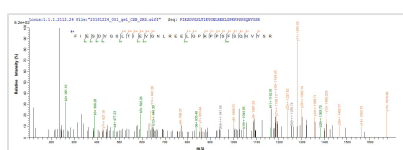


Recombinant Enterobacteria phage T4 Fibrin (wac)

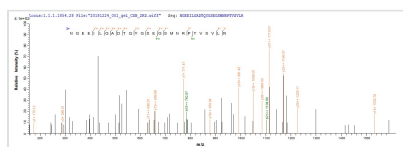
Product Code	CSB-EP319157EDZ
Relevance	Chaperone responsible for attachment of long tail fibers to virus particle. During phage assembly, twelve fibrin molecules attach to the phage neck via gp13: six molecules forming the collar and six molecules forming the whiskers.
Abbreviation	Recombinant Enterobacteria phage T4 Fibrin 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.	P10104
Alias	Collar protein Whisker antigen control protein
Product Type	Recombinant Protein
Immunogen Species	Enterobacteria phage T4 (Bacteriophage T4)
Purity	≥ 90% as determined by SDS-PAGE.
Sequence	TDIVLNDLPFVDGPPAEGQSRISWIKNGEEILGADTQYGSEGSMNRPTVSVLR NVEVLNIGILKTSLETANSDIKTIQGILDVSGDIEALAQIGINKKDISDLKTLTSE HTEILNGTNNTVDSILADIGPFNAEANSVYRTIRNDLLWIKRELQYTGQDINGL PVVGNPSSGMKHHRIINNTDVITSQGIRLSELETKFIESDVGSLTIEVGNLREELG PKPPSFSQNVYSRLNEIDTKQTTVESDISAITSIGYPGNNSIITSVNTNTDNIASI NLELNQSGGIKQRLTVIETSIGSDDIPSSIKGQIKDNTTSIESLNGIVGENTSSGL RANVSWLNQIVGTDSSGGQPSPPGSLNLRVSTIETSVSGLNNAVQNLQVEIGN NSAGIKGQVVALNTLVNGTNPNGSTVEERGLTNSIKANETNIASVTQEVTAKG NISSLQGDVQALQEAGYIPEAPRDGQAYVRKDGWVFLSTFLSPA
Research Area	Cell Biology
Source	E.coli
Target Names	wac
Protein Names	Recommended name: Fibrin Alternative name(s): Collar protein Whisker antigen control protein
Expression Region	2-487aa
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Tag Info	N-terminal 6xHis-SUMO-tagged
Mol. Weight	67.7kDa
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-EP319157EDZ could indicate that this peptide derived from E.coli-expressed Enterobacteria phage T4 (Bacteriophage T4) wac.



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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.