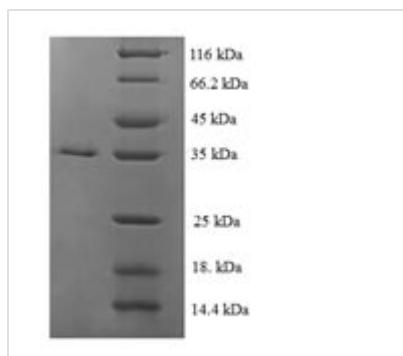




Recombinant Escherichia coli Plasmid-derived single-stranded DNA-binding protein (ssbF)

Product Code	CSB-EP323579ENV
Relevance	May contribute to the conjugative processing of DNA. It has a functional relationship with Psi (plasmid-mediated sos inhibition) proteins.
Abbreviation	Recombinant E.coli ssbF 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.	P18310
Alias	Helix-destabilizing protein
Product Type	Recombinant Protein
Immunogen Species	Escherichia coli (strain K12)
Purity	≥ 90% as determined by SDS-PAGE.
Sequence	AVRGINKVILVGRLGKDPEVRYIPNGGAVANLQVATSESWRDKQTGEMREQT EWHRVVLFGLAEVAGECLRKGAQVYIEGQLRTRSWEDNGITRYVTEILVKTT GTMQMLVRAAGAQTQPEEGQQFSGQPQPEPQAEAGTKKGGAKTKGRGRKA AQPEPQPQPPEGDDYGFSDDIPF
Research Area	Others
Source	E.coli
Target Names	ssbF
Expression Region	2-179aa
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	35.5kDa
Protein Length	Full Length of Mature Protein

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.