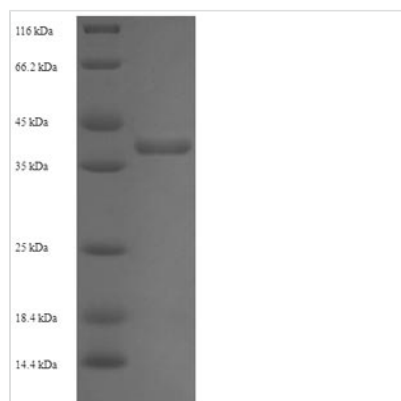




Recombinant Streptomyces lividans DNA-binding protein HU 1 (hup1)

Product Code	CSB-EP358373FOI
Relevance	Histone-like DNA-binding protein which is capable of wrapping DNA to stabilize it, and thus to prevent its denaturation under extreme environmental conditions.
Abbreviation	Recombinant Streptomyces lividans hup1 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.	P0A3H6
Alias	HSI
Product Type	Recombinant Protein
Immunogen Species	Streptomyces lividans
Purity	≥ 90% as determined by SDS-PAGE.
Sequence	MNRSELVAALADRAEVTRKDADAVLAAFAEVVGDIVSKGDEKVTIPGFLTFERT HRAARTARNPQTGEPIQIPAGYSVKVSAGSKLKEAAK GK
Research Area	Others
Source	E.coli
Target Names	hup1
Expression Region	1-93aa
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	36.9kDa
Protein Length	Full Length

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.