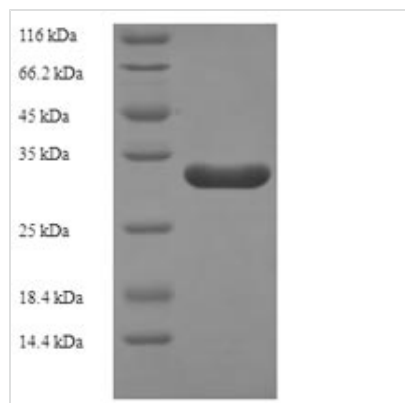




Recombinant Bacillus subtilis Probable flavodoxin-2 (ykuP)

Product Code	CSB-EP518499BRJ
Relevance	Low-potential electron donor to a number of redox enzymes.Curated
Abbreviation	Recombinant Bacillus subtilis ykuP 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.	O34589
Product Type	Recombinant Protein
Immunogen Species	Bacillus subtilis (strain 168)
Purity	≥ 90% as determined by SDS-PAGE.
Sequence	MAKILLVYATMSGNTEAMADLIEKGLQEALAEVDRFEAMDIDDAQLFTDYDHVI MGTYTWGDDGDLPDFLDLVEDMEEIDFSGKTCAVFGSGDTAYEFFCGAVDTL EAKIKERGGDIVLPSVKIENNPEGEEEEELINFGRRQFAKKSGCAV
Research Area	Others
Source	E.coli
Target Names	ykuP
Expression Region	1-151aa
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	32.6kDa
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.