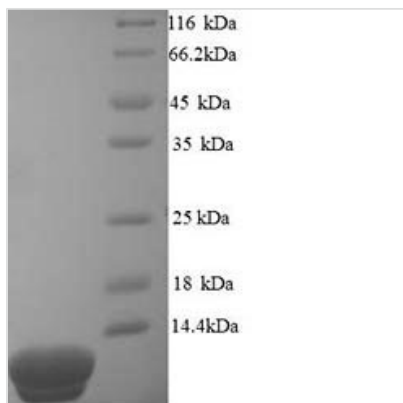




Recombinant *Sulfolobus solfataricus* DNA-binding protein 7d (sso7d)

Product Code	CSB-YP334566FPM
Relevance	Constrain negative DNA supercoils; may be involved in maintaining the integrity of their genome at high temperature. Stimulates the Holliday junction cleavage activity of Hjc.
Abbreviation	Recombinant <i>Sulfolobus solfataricus</i> sso7d 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.	P39476
Alias	7 kDa DNA-binding protein dSso7d
Product Type	Recombinant Protein
Immunogen Species	<i>Sulfolobus solfataricus</i> (strain ATCC 35092 / DSM 1617 / JCM 11322 / P2)
Purity	Greater than 90% as determined by SDS-PAGE.
Sequence	ATVKFKYKGEEKEVDISKIKKVVWRVGKMISFTYDEGGGKTGRGAVSEKDAPKE LLQMLEKQKK
Research Area	Others
Source	Yeast
Target Names	sso7d
Protein Names	Recommended name: DNA-binding protein 7d Alternative name(s): 7 kDa DNA-binding protein d Sso7d
Expression Region	2-64aa
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Tag Info	N-terminal 6xHis-tagged
Mol. Weight	9.1kDa
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.