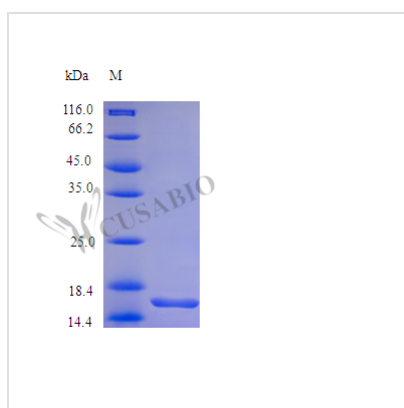




Recombinant Staphylococcus phage 42D protein (sak) (Active)

Product Code	CSB-AP000181BDN
Uniprot No.	P15240
Form	Lyophilized powder
Storage Buffer	Lyophilized from a 0.2 µm filtered PBS, pH 7.4
Product Type	Enzyme
Immunogen Species	Staphylococcus phage 42D (Bacteriophage P42D)
Biological Activity	Fully biologically active when compared to standard. The specific activity determined by fibrining lysis in agarose plate is 5.0×10^4 IU/mg.
Purity	>97% as determined by SDS-PAGE.
Sequence	SSSFDKGGKYK KGDDASYFEP TGPYLMVNVT GVDGKRNELL SPRYVEFPIK PGTTLTKEKI EYYVEWALDA TAYKEFRVVE LDPSAKIEVT YYDKNKKKKEE TKSFPITEKG FVVPDLSEHI KNPGFNLITK VVIEKK
Research Area	Cell Biology
Source	E.coli
Target Names	sak
Expression Region	28-163aa
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Tag Info	Tag-Free
Mol. Weight	15.6 kDa
Protein Length	Full Length of Mature Protein
PubMed ID	9783753

Image



Endotoxin

Less than 1.0 EU/µg as determined by LAL method.



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.