



Recombinant *Borrelia burgdorferi* Single-stranded DNA-binding protein (ssb)

Product Code	CSB-EP022706BUD-B
Storage	Store at -20°C, for extended storage, conserve at -20°C or -80°C.
Uniprot No.	O51141
Product Type	Recombinant Protein
Immunogen Species	<i>Borrelia burgdorferi</i> (strain ATCC 35210 / B31 / CIP 102532 / DSM 4680)
Purity	>85% (SDS-PAGE)
Sequence	MADINSLVLS GRLTRDSELS YTESGMAVLR FSIANNRRMK KNDEWIDYPQ YFDCVIFSKR AESLNDYLKK GKQVVVSGSL KYESWQDRNT GDKRSKVNIF VDNLQMFSSG SNTIQMQDSD VNSLTNHHKE DVVKDIDIVD DKFSEDIPF
Source	E.coli
Target Names	ssb
Protein Names	Recommended name: Single-stranded DNA-binding protein Short name= SSB Alternative name(s): Helix-destabilizing protein
Expression Region	1-149
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Tag Info	Tag type will be determined during the manufacturing process.
Protein Length	full length protein
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.