Plasmid-Derived Single-Stranded DNA-Binding Protein (ssb) Escherichia Coli Recombinant Protein

PRODUCT OVERVIEW

Product Name	Plasmid-derived single-stranded DNA-binding protein (ssb), Recombinant Protein
Full Product Name	Recombinant Escherichia coli Plasmid-derived single-stranded DNA-binding protein (ssb)
Product Gene Name	ssb recombinant protein
Sequence	SARGINKVIL VGRLGNDPEV RYIPNGGAVA NLQVATSESW RDKQTGEMRE QTEWHRVVLF GKLAEVAGEY LRKGAQVYIE GQLRTRSWDD NGITRYITEI LVKTTGTMQM LGSAPQQNAQ AQPKPQQNGQ PQSADATKKG GAKTKGRGRK AAQPEPQPQT PEGEDYGFSD DIPF
Host	E Coli or Yeast or Baculovirus or Mammalian Cell
Form/Format	Lyophilized or liquid (Format to be determined during the manufacturing process)
Purity/Purification	Greater or equal to 85% purity as determined by SDS-PAGE. (lot specific)
Preparation and Storage	Store at -20 degrees C. For long-term storage, store at -20 degrees C or -80 degrees C. Store working aliquots at 4 degrees C for up to one week. Repeated freezing and thawing is not recommended.
Molecular Weight	19,241 Da
Sequence Positions	2-175, Full length protein
Tag Information	This protein contains an N-terminal tag and may also contain a C-terminal tag. Tag types are determined by various factors including tag-protein stability, please inquire for tag information.
Sterility	Sterile filter available upon request.
Endotoxin	Low endotoxin available upon request.
3D Structure	ModBase 3D Structure for P18022
Species	Escherichia coli
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for ssb recombinant protein	MBS1167933 is a recombinant protein targeting ssb. Also known as Recombinant Escherichia coli Plasmid-derived single-stranded DNA-binding protein (ssb). Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of ssb recombinant protein vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for ssb. It may not necessarily be applicable to this product.

NCBI GI #	447198854
NCBI Accession #	WP_001276110.1
UniProt Primary Accession #	P18022
GenBank Nucleotide #	WP_001276110.1
NCBI Official Full Name	MULTISPECIES: plasmid-derived single-stranded DNA-binding protein
UniProt Protein Name	Plasmid-derived single-stranded DNA-binding protein

UniProt Synonym Protein Names	Helix-destabilizing protein
Protein Family	Heat shock protein
UniProt Gene Name	ssb
UniProt Synonym Gene Names	SSB
UniProt Comments for ssb	May contribute to the conjugative processing of DNA. It has a functional relationship with Psi (plasmid-mediated sos inhibition) proteins.
Precautions	All of MyBioSource's Products are for scientific laboratory research purposes and are not for diagnostic, therapeutics, prophylactic or in vivo use. Through your purchase, you expressly represent and warrant to MyBioSource that you will properly test and use any Products purchased from MyBioSource in accordance with industry standards. MyBioSource and its authorized distributors reserve the right to refuse to process any order where we reasonably believe that the intended use will fall outside of our acceptable guidelines.
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