Segregation and Condensation Protein A (scpA) Bacillus Anthracis Recombinant Protein

PRODUCT OVERVIEW

Product Name	Segregation and condensation protein A (scpA), Recombinant Protein
Full Product Name	Recombinant Bacillus anthracis Segregation and condensation protein A (scpA)
Product Gene Name	scpA recombinant protein
Sequence	MQYNFKVEAF EGPLDLLLHL IHRYEIDIYN IPVAEITEQY LSYVHTMKEL QLDVASEYLV MAATLLQIKS KMLLPKHEED VLDNGDDFID DPRQELMERL IEYKKYKQVA TELKEREQER AQLYTRPPID FTSLQQEEET NLPLDVTLYD MLAAFQKLMR RKKAEKPVTT RITRQEIPIE QRMTDILKQL EIQGGRQSFY DLFVDDEREI MVVTFLAVLE LMKNQQIIIE QEHNFDEIFV SSYTKSA
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	29,347 Da
Sequence Positions	1-247, Full length
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 C3LIS3
Species	Bacillus anthracis (strain CDC 684 / NRRL 3495)
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for scpA recombinant protein	MBS1226270 is a recombinant protein targeting scpA. Also known as Recombinant Bacillus anthracis Segregation and condensation protein A (scpA). Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of scpA 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 scpA. It may not necessarily be applicable to this product.

NCBI GI #	447122500
NCBI Accession #	WP_001199756.1
UniProt Primary Accession #	C3LIS3
GenBank Nucleotide #	WP_001199756.1
NCBI Official Full Name	segregation/condensation protein A
UniProt Protein Name	Segregation and condensation protein A

Protein Family	C5a peptidase
UniProt Gene Name	scpA
UniProt Comments for scpA	Participates in chromosomal partition during cell division. May act via the formation of a condensin-like complex containing Smc and ScpB that pull DNA away from mid-cell into both cell halves.
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