Sugar Fermentation Stimulation Protein A (sfsA) Recombinant Protein

PRODUCT OVERVIEW

Product Name	Sugar fermentation stimulation protein A (sfsA), Recombinant Protein
Full Product Name	Recombinant Escherichia coli O17:K52:H18 Sugar fermentation stimulation protein A (sfsA)
Product Gene Name	sfsA recombinant protein
Sequence	MEFSPPLQRA TLIQRYKRFL ADVITPDGRE LTLHCPNTGA MTGCATPGDT VWYSTSDNTK RKYPHTWELT QSQSGAIICV NTLWANRLTK EAILNESISE LSGYSSLKSE VKYGAERSRI DFMLQADSRP DCYIEVKSVT LAENEQGYFP DAVTERGQKH LRELMSVAAE GQRAVIFFAV LHSAITRFSP ARHIDEKYAQ LLSEAQQRGV EILAYKAELS AEGMALKKSL PVTL
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	26,195 Da
Sequence Positions	1-234, 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 B7N815
Species	Escherichia coli O17:K52:H18 (strain UMN026 / ExPEC)
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for sfsA recombinant protein	MBS1251172 is a recombinant protein targeting sfsA. Also known as Recombinant Escherichia coli O17:K52:H18 Sugar fermentation stimulation protein A (sfsA). Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of sfsA 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 sfsA. It may not necessarily be applicable to this product.

NCBI GI #	446318195
NCBI Accession #	WP_000396050.1
UniProt Primary Accession #	B7N815
GenBank Nucleotide #	WP_000396050.1
NCBI Official Full Name	MULTISPECIES: DNA/RNA nuclease SfsA
UniProt Protein Name	Sugar fermentation stimulation protein A

Protein Family	Sugar fermentation stimulation protein
UniProt Gene Name	sfsA
UniProt Comments for sfsA	Binds to DNA non-specifically. Could be a regulatory factor involved in maltose metabolism.
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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