Aliphatic Sulfonates Import ATP-Binding Protein Ssub (ssuB) Shigella Flexneri Recombinant Protein

PRODUCT OVERVIEW

Product Name	Aliphatic sulfonates import ATP-binding protein SsuB (ssuB), Recombinant Protein
Full Product Name	Recombinant Shigella flexneri Aliphatic sulfonates import ATP-binding protein SsuB (ssuB)
Product Gene Name	ssuB recombinant protein
Product Synonym Gene Name	ssuB
Sequence	MNTARLNQGT PLLLNAVSKH YAENIVLNQL DLHIPAGQFV AVVGRSGGGK STLLHLLAGL ETPTAGDVLA GTTPLAEIQD DTRMMFQDAR LLPWKSVIDN VGLGLKGQWR DAARRALAAA GLENRAGEWP AALSGGQKQR VALARALIHR PGLLLLDEPL GALDALTRLE MQDLIVSLWQ QHGFTVLLVT HDVSEAVAMA DRVLLIEEGK ISLDLTVDIP RPRRLGSVRL AELEAEVLQR VMRRGHSEQL IRRHG
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	27,763 Da
Sequence Positions	1-255, 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 Q83LN2
Species	Shigella flexneri
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for ssuB recombinant protein	MBS1334032 is a recombinant protein targeting ssuB. Also known as Recombinant Shigella flexneri Aliphatic sulfonates import ATP-binding protein SsuB (ssuB). Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of ssuB 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 ssuB. It may not necessarily be applicable to this product.

NCBI GI #	24112342
NCBI GeneID	1023909
NCBI Accession #	NP_706852.1
UniProt Primary Accession #	Q83LN2

UniProt Secondary Accession #	Q7C283
GenBank Nucleotide #	NC_004337.2
NCBI Official Full Name	aliphatic sulfonates ABC transporter ATP-binding protein
NCBI Official Symbol	ssuB
UniProt Protein Name	Aliphatic sulfonates import ATP-binding protein SsuB
Protein Family	Aliphatic sulfonates import ATP-binding protein
UniProt Gene Name	ssuB
NCBI Protein Information	aliphatic sulfonates ABC transporter ATP-binding protein
UniProt Comments for ssuB	Part of the ABC transporter complex SsuABC involved in aliphatic sulfonates import. Responsible for energy coupling to the transport system.
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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