Signal Recognition Particle 19 Kda Protein (srp19) Methanosarcina Barkeri Recombinant Protein

PRODUCT OVERVIEW

Product Name	Signal recognition particle 19 kDa protein (srp19), Recombinant Protein
Full Product Name	Recombinant Methanosarcina barkeri Signal recognition particle 19 kDa protein (srp19)
Product Gene Name	srp19 recombinant protein
Product Synonym Gene Name	srp19
Sequence	MRDRGKLVIW PVYLDQTKSR SSGRIISRKN AIKEPQLNEI KEAARQLGLN PEVEPHKAYP KSWWEVSGRV LVDDNGPKTV IAKQIALAIK KMRGPESSAK A
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	11,375 Da
Sequence Positions	1-101, 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 Q46D06
Species	Methanosarcina barkeri (strain Fusaro / DSM 804)
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for srp19 recombinant protein	MBS1352332 is a recombinant protein targeting srp19. Also known as Recombinant Methanosarcina barkeri Signal recognition particle 19 kDa protein (srp19). Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of srp19 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 srp19. It may not necessarily be applicable to this product.

NCBI GI #	851197134
NCBI Accession #	WP_048103219.1
UniProt Primary Accession #	Q46D06
GenBank Nucleotide #	WP_048103219.1
NCBI Official Full Name	signal recognition particle protein Srp19
UniProt Protein Name	Signal recognition particle 19 kDa protein

Protein Family	Signal recognition particle 19 kDa protein
UniProt Gene Name	srp19
UniProt Synonym Gene Names	SRP19
UniProt Comments for srp19	Involved in targeting and insertion of nascent membrane proteins into the cytoplasmic membrane. Binds directly to 7S RNA and mediates binding of the 54 kDa subunit of the SRP.
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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