Cell Division Protein Sepf 1 (sepF1) Streptomyces Coelicolor Recombinant Protein

PRODUCT OVERVIEW

Product Name	Cell division protein SepF 1 (sepF1), Recombinant Protein
Full Product Name	Recombinant Streptomyces coelicolor Cell division protein SepF 1 (sepF1)
Product Gene Name	sepF1 recombinant protein
Product Synonym Gene Name	sepF1
Sequence	MGSVRKASAW LGLVDDNNDD ERYYDDDYSE GPESGDAWVT DPRVKVASDV AEEKGRRIAT VTPDSFRDAR AIGELFRDGV PVIVNLTAME GTDAKRVVDF AAGLIFGLRG SIERVSTRVF LLSPADTQVI SGESAAHRSD GFFNQS
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	15,889 Da
Sequence Positions	1-146, 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 Q9EWX7
Species	Streptomyces coelicolor (strain BAA-471 / A3(2) / M145)
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for sepF1 recombinant protein	MBS1348773 is a recombinant protein targeting sepF1. Also known as Recombinant Streptomyces coelicolor Cell division protein SepF 1 (sepF1). Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of sepF1 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 sepF1. It may not necessarily be applicable to this product.

NCBI GI #	21220242
NCBI GeneID	1097180
NCBI Accession #	NP_626021.1
UniProt Primary Accession #	Q9EWX7
UniProt Related Accession #	Q9EWX7
GenBank Nucleotide #	NC_003888.3

NCBI Official Full Name	hypothetical protein SCO1749
NCBI Official Symbol	SCO1749
NCBI Official Synonym Symbols	2SCI34.02
UniProt Protein Name	Cell division protein SepF 1
Protein Family	Cell division protein
UniProt Gene Name	sepF1
NCBI Protein Information	hypothetical protein
UniProt Comments for sepF1	Cell division protein that is part of the divisome complex and is recruited early to the Z-ring. Probably stimulates Z-ring formation, perhaps through the cross-linking of FtsZ protofilaments. Its function overlaps with FtsA.
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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