Protein Translocase Subunit Secf (Secf) (Mmc1_3211) Magnetococcus Sp. Recombinant Protein

PRODUCT OVERVIEW

Product Name	Protein translocase subunit SecF (secF) (Mmc1_3211), Recombinant Protein
Full Product Name	Recombinant Magnetococcus sp. Protein translocase subunit SecF (secF)
Product Gene Name	Mmc1_3211 recombinant protein
Product Synonym Gene Name	Recombinant Protein translocase subunit SecF (secF); Protein translocase subunit SecF
Sequence	MQVFLKATHF DFIGRRKPAI YASLFLIGVS LVSLFTQGLN FGIDFAGGTL IQVRFEKPMD LAPVRQAIAP LDLGDTVVQS FGTPEEVLIR VEKQGADNAA QQAIVSGVLD ALKPIAGEHG VEMRRVEYVG PQVGEELTEK GMLAMLYAMV AILIYISFRF ELRFALGAVL ALVHDVVLTM GFFSVLQKEF TLVVVAALLT VVGYSLNDTI VVYDRIREEM KRMKRQPLAT IINEAVNRTL SRTLITSLTT VLVLIALFVL GGAVIHDFAL TLLFGVGIGT YSSIFVASPL VLLMDPGSRR KVAAETAEET P
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 degree C. For extended storage, store at -20 or -80 degree C.
Molecular Weight	33,934 Da
Sequence Positions	1-311
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.
Chromosome Location	NC_008576.1 (3993762..3994697, complement)
3D Structure	ModBase 3D Structure for A0LCK8
Species	Magnetococcus sp. (strain MC-1)
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for Mmc1_3211 recombinant protein	MBS1228927 is a recombinant protein targeting Mmc1_3211. Also known as Recombinant Magnetococcus sp. Protein translocase subunit SecF (secF). Host: E Coli or Yeast or Baculovirus or Mammalian Cell. secF
Other Notes	Small volumes of Mmc1_3211 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 Mmc1_3211. It may not necessarily be applicable to this product.

NCBI GI #	117926490
NCBI GeneID	4481644
NCBI Accession #	YP_867107.1

UniProt Primary Accession #	A0LCK8
UniProt Related Accession #	EAN26989
GenBank Nucleotide #	NC_008576.1
NCBI Official Full Name	protein translocase subunit secF
NCBI Official Symbol	Mmc1_3211
UniProt Protein Name	Protein translocase subunit SecF
UniProt Gene Name	secF
UniProt Entry Name	SECF_MAGSM
NCBI Protein Information	protein translocase subunit secF
UniProt Comments for Mmc1_3211	Function: Part of the Sec protein translocase complex. Interacts with the SecYEG preprotein conducting channel. SecDF uses the proton motive force (PMF) to complete protein translocation after the ATP-dependent function of SecA By similarity. HAMAP-Rule MF_01464 Subunit structure: Forms a complex with SecD. Part of the essential Sec protein translocation apparatus which comprises SecA, SecYEG and auxiliary proteins SecDF-YajC and YidC By similarity. Subcellular location: Cell inner membrane; Multi-pass membrane protein By similarity HAMAP-Rule MF_01464. Sequence similarities: Belongs to the SecD/SecF family. SecF subfamily.
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