Mitochondria Fission 1 Protein (fis1) Emericella Nidulans Recombinant Protein

PRODUCT OVERVIEW

Product Name	Mitochondria fission 1 protein (fis1), Recombinant Protein
Full Product Name	Recombinant Emericella nidulans Mitochondria fission 1 protein (fis1)
Product Gene Name	fis1 recombinant protein
Product Synonym Gene Name	fis1; AN6225
Product Synonym Names	Mitochondria fission 1 protein
Sequence	MTSSNLPYAA DAESPLKPAE LQVLRAQYEK EGDYVGVQTK FNYAWGLIKS NFRADQQEGV RLLSEIFRAH PERRRECLFY LALGNYKLGN YGEARRYNDL LIDKEPGNLQ AASLRTLIDD RVSREGM
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	17,064 Da
Sequence Positions	1-127
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 Q5AZQ5
Species	Emericella nidulans (strain FGSC A4 / 38163 / CBS 112.46 / NRRL 194 / M139) (Aspergillus nidulans)
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for fis1 recombinant protein	MBS1284987 is a recombinant protein targeting fis1. Also known as Recombinant Emericella nidulans Mitochondria fission 1 protein (fis1). Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of fis1 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 fis1. It may not necessarily be applicable to this product.

NCBI GI #	67540110
NCBI GeneID	2870791
NCBI Accession #	XP_663829.1
UniProt Primary Accession #	Q5AZQ5
UniProt Secondary Accession #	C8V1S0

UniProt Related Accession #	Q5AZQ5
GenBank Nucleotide #	XM_658737.1
NCBI Official Full Name	hypothetical protein AN6225.2
NCBI Official Symbol	AN6225.2
UniProt Protein Name	Mitochondria fission 1 protein
Protein Family	Mitochondria fission 1 protein
UniProt Gene Name	fis1
UniProt Synonym Gene Names	AN6225
UniProt Entry Name	FIS1_EMENI
NCBI Protein Information	hypothetical protein
UniProt Comments for fis1	Has a role in mitochondrial fission. Has a role in outer membrane fission but not matrix separation ().
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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