Mitochondrial Fission Factor (MFF) Rat Recombinant Protein

PRODUCT OVERVIEW

Product Name	Mitochondrial fission factor (Mff), Recombinant Protein
Full Product Name	Recombinant Rat Mitochondrial fission factor (Mff), partial
Product Gene Name	Mff recombinant protein
Product Synonym Gene Name	Mff
Sequence	MAEISRIQYE MEYTEGISQR MRVPEKLKVA PPNADLEQGF QDGVPNASVI MQVPERIVVT GNNEDISFSR PADLDLIQST PFKPLALKTP PRVLTLSERP LDFLDLERPP PTPQSEEIRA VGRLKRERSM SENAVRQNGQ LVRNDSMYGI SSLDAAVEGA SEDMSVVDAA SLRRQIIKLN RRLQLLEEEN KERAKREM
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	24,971 Da
Sequence Positions	1-198
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 Q4KM98
Species	Rat
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for Mff recombinant protein	MBS1400135 is a recombinant protein targeting Mff. Also known as Recombinant Rat Mitochondrial fission factor (Mff), partial. Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of Mff 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 Mff. It may not necessarily be applicable to this product.

NCBI GI #	84781650
NCBI GeneID	301563
NCBI Accession #	NP_001034104.1
UniProt Primary Accession #	Q4KM98
UniProt Related Accession #	Q4KM98
GenBank Nucleotide #	NM_001039015.2

NCBI Official Full Name	mitochondrial fission factor isoform 2
NCBI Official Synonym Full Names	mitochondrial fission factor
NCBI Official Symbol	Mff
NCBI Official Synonym Symbols	RGD1310230
UniProt Protein Name	Mitochondrial fission factor
Protein Family	Mitochondrial fission factor
UniProt Gene Name	Mff
NCBI Protein Information	mitochondrial fission factor
UniProt Comments for Mff	Plays a role in mitochondrial and peroxisomal fission. Promotes the recruitment and association of the fission mediator dynamin-related protein 1 (DNM1L) to the mitochondrial surface. May be involved in regulation of synaptic vesicle membrane dynamics by recruitment of DNM1L to clathrin-containing vesicles.
Research Articles on Mff	**1.** This study reveals a novel model of mitochondrial fission regulation, which is composed of miR-761 and mitochondrial fission factor
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