MFF Human Recombinant Protein

PRODUCT OVERVIEW

Product Name	MFF, Recombinant Protein
Full Product Name	Recombinant Human MFF
Product Gene Name	MFF recombinant protein
Host	E Coli
Form/Format	Lyophilized from a 0.2um filtered solution in PBS with 5% trehalose, pH7.4
Purity/Purification	Greater than 60% by SDS-PAGE gel analyses
Preparation and Storage	Store at -20 degree C for 12 months as lyophilized; 2-8 degree C for 1 month under sterile conditions after reconstitution
Molecular Weight	~38 kDa
Sequence Positions	1-238
OMIM	614785
3D Structure	ModBase 3D Structure for Q9GZY8
Species	Human
Tag	N-terminal His-IF2DI Tag
Reconstitution	Centrifuge the vial at 10,000rpm for 1 minute, reconstitute at 200ug/ml in sterile distilled water
ISO Certification	Manufactured in an ISO 13485:2003 and EN ISO 13485:2012 Certified Laboratory.
Applications Tested/Suitable for MFF recombinant protein	Western Blot (WB), ELISA (EIA)
Related Product Information for MFF recombinant protein	MBS7614522 is a recombinant protein targeting MFF. Also known as Recombinant Human MFF. Host: E Coli.
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 #	457866833
NCBI GeneID	56947
NCBI Accession #	NP_001263990.1
UniProt Primary Accession #	Q9GZY8
UniProt Related Accession #	Q9GZY8
GenBank Nucleotide #	NM_001277061.1
NCBI Official Full Name	mitochondrial fission factor isoform a
NCBI Official Synonym Full Names	mitochondrial fission factor

NCBI Official Symbol	MFF
NCBI Official Synonym Symbols	EMPF2; GL004; C2orf33
UniProt Protein Name	Mitochondrial fission factor
Protein Family	Mitochondrial fission factor
UniProt Gene Name	MFF
UniProt Synonym Gene Names	C2orf33; AD030; AD033; GL004
UniProt Entry Name	MFF_HUMAN
NCBI Protein Information	mitochondrial fission factor
NCBI Summary for MFF	This is a nuclear gene encoding a protein that functions in mitochondrial and peroxisomal fission. The encoded protein recruits dynamin-1-like protein (DNM1L) to mitochondria. There are multiple pseudogenes for this gene on chromosomes 1, 5, and X. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Mar 2013]
Research Articles on MFF	**1.** Data show that increasing dynamin-related protein 1 (Drp1) SUMOylation by knocking down SUMO1-sentrin-SMT3 specific protease 3 (SENP3) reduces both Drp1 binding to mitochondrial fission factor protein (Mff) and stress-induced cytochrome c release.
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