Mitochondrial Nucleoid Factor 1 (MNF1) Mouse Recombinant Protein

PRODUCT OVERVIEW

Product Name	Mitochondrial nucleoid factor 1 (Mnf1), Recombinant Protein
Full Product Name	Recombinant Mouse Mitochondrial nucleoid factor 1 (Mnf1)
Product Gene Name	Mnf1 recombinant protein
Product Synonym Gene Name	Mnf1
Sequence	MAALRYRRFL KLCEEWPVDE TKRGRDLGAY LRQRVAQAFR EGENTQIAEP EACDQMYESL ARLHSNYYKH KYPRPRDTSF SGLSVEEYKL ILSTDTLEEF QEMNKSMWKK LQEKFAPTRP EEKHKAWTRV LSRPRT
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	16,321 Da
Sequence Positions	1-136, 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 Q9CQY6
Species	Mouse
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for Mnf1 recombinant protein	MBS1328832 is a recombinant protein targeting Mnf1. Also known as Recombinant Mouse Mitochondrial nucleoid factor 1 (Mnf1). Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of Mnf1 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 Mnf1. It may not necessarily be applicable to this product.

NCBI GI #	13385560
NCBI GeneID	67267
NCBI Accession #	NP_080339.1
UniProt Primary Accession #	Q9CQY6
UniProt Related Accession #	Q9CQY6
GenBank Nucleotide #	NM_026063.2

NCBI Official Full Name	ubiquinol-cytochrome-c reductase complex assembly factor 2
NCBI Official Synonym Full Names	ubiquinol-cytochrome c reductase complex assembly factor 2
NCBI Official Symbol	Uqcc2
NCBI Official Synonym Symbols	M19; Cbp6; Mnf1; 2900010M23Rik
UniProt Protein Name	Ubiquinol-cytochrome-c reductase complex assembly factor 2
UniProt Synonym Protein Names	Mitochondrial nucleoid factor 1; Mitochondrial protein M19
UniProt Gene Name	Uqcc2
UniProt Synonym Gene Names	Mnf1
NCBI Protein Information	ubiquinol-cytochrome-c reductase complex assembly factor 2
UniProt Comments for Mnf1	Required for the assembly of the ubiquinol-cytochrome c reductase complex (mitochondrial respiratory chain complex III or cytochrome b-c1 complex). Plays a role in the modulation of respiratory chain activities such as oxygen consumption and ATP production and via its modulation of the respiratory chain activity can regulate skeletal muscle differentiation and insulin secretion by pancreatic beta-cells. Involved in cytochrome b translation and/or stability.
Research Articles on Mnf1	**1.** The function of M19, a novel mitochondrial nucleoid protein, is characterized in muscle and pancreatic beta-cells.
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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