Mitochondrial Inner Membrane I-AAA Protease Complex Subunit MGR1 (MGR1) Saccharomyces Cerevisiae Recombinant Protein

PRODUCT OVERVIEW

Product Name	Mitochondrial inner membrane i-AAA protease complex subunit MGR1 (MGR1), Recombinant Protein
Full Product Name	Recombinant Saccharomyces cerevisiae Mitochondrial inner membrane i-AAA protease complex subunit MGR1 (MGR1)
Product Gene Name	MGR1 recombinant protein
Product Synonym Gene Name	MGR1; SCY_0541
Product Synonym Names	Recombinant Mitochondrial inner membrane i-AAA protease complex subunit MGR1 (MGR1); Mitochondrial inner membrane i-AAA protease complex subunit MGR1; Mitochondrial genome-required protein 1
Sequence	MAVFTPPSGN SNSTDHTHTQ DDHDKDDNDI KKFYIRPSLG LKLWGPLVPA PDNLPGLYTL ITIQSAVGFF ALWRLRRLYK LPPPRRIATG THSDLSFGEL PSEMIVNGKT KIKKDIADFP TLNRFSTTHG DIVLAPPPII PRQSRFVSVR KLLWGLFGSL LLSQSLLELT RLNFLKYDPW CDEMKSVRDK KFFNNIVKYY HEGIDPTKIK VKDAMNGTPL STNIPEVKQS VALARAQVEA QNPIIKWFGP LEYKPMSFNE YLNRMEFHLD MFEFFQNKRN IRENSIELIN SISHNPQSSS TGLEGLSESK KLHLQNVEKR LHFLASSGDS ISAPVKRSST TLSRGVILPH DTKGPQDIDL DTIRSLYDPW MTLALETSLS IKFIPTTMPS HTKTPTSTDQ PLPGPTPKAL TNEKTH
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	47,028 Da
Sequence Positions	1-416
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 A6ZTE8
Species	Saccharomyces cerevisiae (strain YJM789) (Baker's yeast)
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for MGR1 recombinant protein	MBS1209983 is a recombinant protein targeting MGR1. Also known as Recombinant Saccharomyces cerevisiae Mitochondrial inner membrane i-AAA protease complex subunit MGR1 (MGR1). Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of MGR1 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 MGR1. It may not necessarily be applicable to this product.

UniProt Primary Accession #	A6ZTE8

UniProt Protein Name	Mitochondrial inner membrane i-AAA protease complex subunit MGR1
UniProt Synonym Protein Names	Mitochondrial genome-required protein 1
Protein Family	Mitochondrial genome required protein
UniProt Gene Name	MGR1
UniProt Entry Name	MGR1_YEAS7
UniProt Comments for MGR1	Function: Component of the mitochondrial inner membrane i-AAA protease complex required for mitochondrial inner membrane protein turnover. Required for growth of cells lacking the mitochondrial genome By similarity. Subunit structure: Component of the mitochondrial inner membrane i-AAA protease complex composed of at least MRG1 and YME1. Interacts directly with YME1 By similarity. Subcellular location: Mitochondrion inner membrane; Multi-pass membrane protein By similarity. Sequence similarities: Belongs to the MGR1 family.
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.
Disclaimer	While every efforts were made to ensure the accuracy of the information provided in this datasheet, MyBioSource will not be liable for any omissions or errors contained herein. MyBioSource reserves the right to make changes to this datasheet at any time without prior notice. It is the responsibility of the customer to report product performance issues to MyBioSource within 30 days of receipt of the product. Please visit our Terms & Conditions page for more information.
Product Note	Select online data sheet information is drawn from bioinformatics databases, occasionally resulting in ambiguous or non-relevant product information. It is the responsibility of the customer to review, verify, and evaluate the information to make sure it matches their requirements before purchasing the kit. Our ELISA Kit assays are dynamic research tools and sometimes they may be updated and improved. If the format of this assay is important to you then please request the current manual or contact our technical support team with a presales inquiry before placing an order. We will confirm the current details of the assay. We cannot guarantee the sample manual posted online is the most current manual, it is intended to serve as an example only. Please refer to the instructions For Use provided with the assay kit for precise details.

For Research Use Only. Not for use in diagnostic or therapeutic procedures.

MyBioSource | Tel: +1.858.633.0165 | Fax: +1.858.633.0166 | mybiosource.com/contact-us
Online datasheet: https://www.mybiosource.com/recombinant-protein/mitochondrial-inner-membrane-i-aaa-protease-complex-subunit-mgr1-mgr1/1209983