Putative ATP Synthase Protein YMF19 (YMF19) (atp8) Marchantia Polymorpha Recombinant Protein

PRODUCT OVERVIEW

Product Name	Putative ATP synthase protein YMF19 (YMF19) (atp8), Recombinant Protein
Full Product Name	Recombinant Marchantia polymorpha Putative ATP synthase protein YMF19 (YMF19)
Product Gene Name	atp8 recombinant protein
Product Synonym Gene Name	YMF19
Product Synonym Names	Recombinant Putative ATP synthase protein YMF19 (YMF19); Putative ATP synthase protein YMF19 EC= 3.6.3.14; Mitochondrial protein YMF19
Sequence	MPQLDQFTYL TQFVWLCVFY MTFYVLLYND GLPKISRIIK LRKRLVSQEK VGAEQSNDRV EQDVVFKECF QASANYLYSS VSGASKWCKG MVQLANAHKL QRMNKDYVCS LGEISVSQVI KKNALSTLSP STYQTTSLAS RQTTALNKIY VLRGQKRTLA KIKNGPRKKK IS
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	19,649 Da
Sequence Positions	1-172
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.
Chromosome Location	Chromosome: MT; NC_001660.1 (72406..72924)
3D Structure	ModBase 3D Structure for P38462
Species	Marchantia polymorpha (Liverwort) (Marchantia aquatica)
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for atp8 recombinant protein	MBS1221234 is a recombinant protein targeting atp8. Also known as Recombinant Marchantia polymorpha Putative ATP synthase protein YMF19 (YMF19). Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of atp8 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 atp8. It may not necessarily be applicable to this product.

NCBI GI #	11467128
NCBI GeneID	2948419
NCBI Accession #	NP_054429.1

UniProt Primary Accession #	P38462
UniProt Related Accession #	S25985
GenBank Nucleotide #	NC_001660.1
NCBI Official Full Name	ATP synthase F0 subunit 8
NCBI Official Symbol	atp8
NCBI Official Synonym Symbols	orf172
UniProt Protein Name	Putative ATP synthase protein YMF19
UniProt Synonym Protein Names	Mitochondrial protein YMF19
Protein Family	ATP synthase protein
UniProt Gene Name	YMF19
UniProt Entry Name	YMF19_MARPO
NCBI Protein Information	ATP synthase F0 subunit 8
UniProt Comments for atp8	Function: This is one of the chains of the nonenzymatic component (CF0 subunit) of the mitochondrial ATPase complex By similarity. Catalytic activity: ATP + H2O + H+(In) = ADP + phosphate + H+(Out). Subunit structure: F-type ATPases have 2 components, CF1 - the catalytic core - and CF0 - the membrane proton channel. CF1 has five subunits: alpha3, beta3, gamma1, delta1, epsilon1. CF0 has three main subunits: a, b and c By similarity. Subcellular location: Mitochondrion membrane; Single-pass membrane protein By similarity. Sequence similarities: Belongs to the ATPase protein YMF19 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.
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