Atpase Expression Protein 1, Mitochondrial (AEP1) Saccharomyces Cerevisiae Recombinant Protein

PRODUCT OVERVIEW

Product Name	ATPase expression protein 1, mitochondrial (AEP1), Recombinant Protein
Full Product Name	Recombinant Saccharomyces cerevisiae ATPase expression protein 1, mitochondrial (AEP1)
Product Gene Name	AEP1 recombinant protein
Sequence	QSRKWYPVLK KTPLVADGRK IIKHADKVPH PEEIIHPFYQ PTAIEQFTAC ATEYNPSLLD GKKIAPSLIK HPVSLKTILV DSKLKFDDIR GVNRWLMEFV ARRQHQRNIV LTPASKSVRS FHVLHLSSTD IAKLRALENV LSEIENTNDL QSRVESVNNE LQNIFDRDSK QTRLFCEDIL AYLIKNYGNS TEKLILLINV TEMQLYSRLD QMKAMNIILY HILCKVEANE NPPYSPTLVT ALENLLAAIN NRFFPGRCEN SLHPIVIEQL LSYFIKTGNL NESKNFLGHL IKKGILPEAT IINRYLEAID VHFDKSTKIF DIRSKFAFIA DLAPIIENYG TIDLFKFLIP MCRHFDELCS LLNIIRKSNN AKRAVDSTLP IFIKKVLTFT KDPMINSGNL STVFNMVSPI YGQNVPSEFV EKFILSFALQ GNYTMMAHMI DTYKIKLSHK YQLQIIRALK NSERNHALKN TGAVGYNKEF KKYFIEKYLN CTEREALRP
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	59,901 Da
Sequence Positions	20-518, Full length
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 A6ZMC3
Species	Saccharomyces cerevisiae (strain YJM789) (Baker's yeast)
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for AEP1 recombinant protein	MBS1256145 is a recombinant protein targeting AEP1. Also known as Recombinant Saccharomyces cerevisiae ATPase expression protein 1, mitochondrial (AEP1). Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of AEP1 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 AEP1. It may not necessarily be applicable to this product.

NCBI GI #	325529890
NCBI Accession #	A6ZMC3.1
UniProt Primary Accession #	A6ZMC3
NCBI Official Full Name	ATPase expression protein 1, mitochondrial

UniProt Protein Name	ATPase expression protein 1, mitochondrial
UniProt Synonym Protein Names	Nuclear control of ATPase messenger RNA expression protein 1
Protein Family	ATPase expression protein
UniProt Gene Name	AEP1
UniProt Synonym Gene Names	NCA1
UniProt Comments for AEP1	Required for translation of the mitochondrial OLI1 transcript encoding subunit 9 of mitochondrial ATP synthase.
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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