ATP Synthase Protein I (Atpi) (atp1) Nostoc Sp. Recombinant Protein

PRODUCT OVERVIEW

Product Name	ATP synthase protein I (atpI) (atp1), Recombinant Protein
Full Product Name	Recombinant Nostoc sp. ATP synthase protein I (atpI)
Product Gene Name	atp1 recombinant protein
Product Synonym Gene Name	atpI; atp1
Product Synonym Names	Recombinant ATP synthase protein I (atpI); ATP synthase protein I
Sequence	MQEFYQLYQE LVLITLVLTG VVFISVWIFY SLNIALNYLL GACTGVVYLR MLAKDVERLG REKQSLSKTR LALLMALILL ASRWNQLQIM PIFLGFLTYK ATLIIYVVRV AFISDSPKLR QP
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	14,063 Da
Sequence Positions	1-122
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	NC_003272.1 (9132..9500, complement)
3D Structure	ModBase 3D Structure for P12403
Species	Nostoc sp. (strain PCC 7120 / UTEX 2576)
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for atp1 recombinant protein	MBS1256438 is a recombinant protein targeting atp1. Also known as Recombinant Nostoc sp. ATP synthase protein I (atpI). Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of atp1 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 atp1. It may not necessarily be applicable to this product.

NCBI GI #	17227507
NCBI GeneID	1103608
NCBI Accession #	NP_484055.1
UniProt Primary Accession #	P12403
UniProt Related Accession #	AC1808

GenBank Nucleotide #	NC_003272.1
NCBI Official Full Name	ATP synthase subunit 1
NCBI Official Symbol	atp1
UniProt Protein Name	ATP synthase protein I
UniProt Gene Name	atpI
UniProt Synonym Gene Names	atp1
UniProt Entry Name	ATPZ_NOSS1
NCBI Protein Information	ATP synthase subunit 1
UniProt Comments for atp1	Function: A possible function for this protein is to guide the assembly of the membrane sector of the ATPase enzyme complex. Subcellular location: Cell membrane; Multi-pass membrane protein Potential. Sequence similarities: Belongs to the bacterial AtpI 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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