ATP Synthase Subunit Beta, Chloroplastic (atpB) Ostreococcus Tauri Recombinant Protein

PRODUCT OVERVIEW

Product Name	ATP synthase subunit beta, chloroplastic (atpB), Recombinant Protein
Full Product Name	Recombinant Ostreococcus tauri ATP synthase subunit beta, chloroplastic (atpB)
Product Gene Name	atpB recombinant protein
Product Synonym Gene Name	atpB
Sequence	MTALKTEQNI GRITQIIGPV IDAVFSPNKM PNIYNSVVIE GKNDVGDTIK CVAEVQQLLG DNVVRAVSMS ATDGLMRGMT VVDTGAALSV PVGKNTLGRI FNVLGEPVDE LGAVSTPEGM LPIHRAAPAF VDLDTNLSIF ETGIKVVDLL APYRRGGKIG LFGGAGVGKT VLIMELIVNN NIAKAHGGVS VFAGVGERTR EGNDLYQEMC ESKVIDTANL ANSKVALVYG QMNEPPGARM RVGLTALTMA EYFRDVNNQD VLLFVDNIFR FVQAGSEVSA LLGRMPSAVG YQPTLSTEMG SLQERITSTK TGSITSIQAV YVPADDLTDP APATTFAHLD ATTVLSRNLA AKGIYPAVDP LDSTSTMLQP WILGDDHYDT AQGVKQTLQR YKELQDIIAI LGLDELSEED RLTVARARKV ERFLSQPFFV AEVFTGSPGK YVSLAESIQG FKMILGGELD DLPEQAFYLV GNIDEAVEKA AKL
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	51,862 Da
Sequence Positions	1-483, 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 Q0P3P2
Species	Ostreococcus tauri
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for atpB recombinant protein	MBS1396902 is a recombinant protein targeting atpB. Also known as Recombinant Ostreococcus tauri ATP synthase subunit beta, chloroplastic (atpB). Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of atpB 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 atpB. It may not necessarily be applicable to this product.

NCBI GI #	113170421
NCBI GeneID	4238808
NCBI Accession #	YP_717213.1
UniProt Primary Accession #	Q0P3P2

UniProt Related Accession #	Q0P3P2
GenBank Nucleotide #	NC_008289.1
NCBI Official Full Name	AtpB (chloroplast)
NCBI Official Symbol	atpB
UniProt Protein Name	ATP synthase subunit beta, chloroplastic
UniProt Synonym Protein Names	ATP synthase F1 sector subunit beta
Protein Family	ATP synthase
UniProt Gene Name	atpB
NCBI Protein Information	ATP synthase CF1 beta subunit
UniProt Comments for atpB	Produces ATP from ADP in the presence of a proton gradient across the membrane. The catalytic sites are hosted primarily by the beta subunits.
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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