V-Type ATP Synthase Subunit E (atpE) Sulfolobus Solfataricus Recombinant Protein

PRODUCT OVERVIEW

Product Name	V-type ATP synthase subunit E (atpE), Recombinant Protein
Full Product Name	Recombinant Sulfolobus solfataricus V-type ATP synthase subunit E (atpE)
Product Gene Name	atpE recombinant protein
Product Synonym Gene Name	atpE
Sequence	MDFEQLLDKS LNKVREEIKT ELSKSLDEAI KLLNEGHNKI VQEYSQRINE LIVKTKEEIE GEKARLEVEN KRTLLVEKEY WINKVYERVL GKIGEVVKTK EYKDAIENII SKEIKEIREE KVTIYCSPND KLMIEKIVGN NKNVTVKTDE KMLGGIKIYF ERSGLTRDFS LKLILDQVFD SMRGKISDML FGGK
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	22,633 Da
Sequence Positions	1-194, 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 Q9UWW5
Species	Sulfolobus solfataricus (strain 35092 / DSM 1617 / JCM 11322 / P2)
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for atpE recombinant protein	MBS1419742 is a recombinant protein targeting atpE. Also known as Recombinant Sulfolobus solfataricus V-type ATP synthase subunit E (atpE). Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of atpE 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 atpE. It may not necessarily be applicable to this product.

NCBI GI #	497676888
NCBI GeneID	1454845
NCBI Accession #	WP_009991072.1
UniProt Primary Accession #	Q9UWW5
UniProt Related Accession #	Q9UWW5
GenBank Nucleotide #	WP_009991072.1

NCBI Official Full Name	hypothetical protein
NCBI Official Symbol	SSO_RS02860
UniProt Protein Name	V-type ATP synthase subunit E
UniProt Synonym Protein Names	V-ATPase subunit E
Protein Family	ATP synthase
UniProt Gene Name	atpE
NCBI Protein Information	hypothetical protein
UniProt Comments for atpE	Produces ATP from ADP in the presence of a proton gradient across the membrane.
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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