ATP Synthase Epsilon Chain (atpC) Streptococcus Thermophilus Recombinant Protein

PRODUCT OVERVIEW

Product Name	ATP synthase epsilon chain (atpC), Recombinant Protein
Full Product Name	Recombinant Streptococcus thermophilus ATP synthase epsilon chain (atpC)
Product Gene Name	atpC recombinant protein
Product Synonym Gene Name	atpC
Sequence	MAQMTVQVVT PDGLKYDHHA SFIHAVTKDG QIGILPGHIN LIAPLEVDEL KVRRVDDESH VDWIAVNGGI IEVKDDFITI IANSAERDRD IDVSRAERAK QRAERVLEEE TKRVLEKATK SDRNDDVQRA QIALRRALNR INVGTKIR
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	16,738 Da
Sequence Positions	1-148, 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 Q5M5J0
Species	Streptococcus thermophilus (strain BAA-250 / LMG 18311)
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for atpC recombinant protein	MBS1421931 is a recombinant protein targeting atpC. Also known as Recombinant Streptococcus thermophilus ATP synthase epsilon chain (atpC). Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of atpC 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 atpC. It may not necessarily be applicable to this product.

NCBI GI #	499544815
NCBI Accession #	WP_011225598.1
UniProt Primary Accession #	Q5M5J0
GenBank Nucleotide #	WP_011225598.1
NCBI Official Full Name	ATP synthase epsilon chain
UniProt Protein Name	ATP synthase epsilon chain

UniProt Synonym Protein Names	ATP synthase F1 sector epsilon subunit
Protein Family	ATP synthase
UniProt Gene Name	atpC
UniProt Comments for atpC	Produces ATP from ADP in the presence of a proton gradient across the membrane.
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