ATP Synthase Subunit B (atpF) Lactobacillus Casei Recombinant Protein

PRODUCT OVERVIEW

Product Name	ATP synthase subunit b (atpF), Recombinant Protein
Full Product Name	Recombinant Lactobacillus casei ATP synthase subunit b (atpF)
Product Gene Name	atpF recombinant protein
Product Synonym Gene Name	atpF; LSEI_1162
Product Synonym Names	ATP synthase subunit b; ATP synthase F(0) sector subunit b; ATPase subunit I; F-type ATPase subunit b; F-ATPase subunit b
Sequence	MTLGDTLFTL VTFLVLMLAV GKVAWKPVSK MMADRQQKIS GDLDYAEKSR KDADALVAKR QEELQHSQAD AVKIVNQAKE NGEKLRQSLV DAANAEVTTM KKNAQTEIDQ ARKDALASAK NDVADLSLTI AQKLIGKELN ADDQKGLIDD YIKRLGDANG SH
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	17,739 Da
Sequence Positions	1-162
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 Q03A22
Species	Lactobacillus casei (strain 334)
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for atpF recombinant protein	MBS1255592 is a recombinant protein targeting atpF. Also known as Recombinant Lactobacillus casei ATP synthase subunit b (atpF). Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of atpF 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 atpF. It may not necessarily be applicable to this product.

NCBI GI #	116494658
NCBI GeneID	4420198
NCBI Accession #	YP_806392.1
UniProt Primary Accession #	Q03A22

UniProt Related Accession #	Q03A22
GenBank Nucleotide #	NC_008526.1
NCBI Official Full Name	F0F1-type ATP synthase, subunit b
NCBI Official Symbol	LSEI_1162
UniProt Protein Name	ATP synthase subunit b
UniProt Synonym Protein Names	ATP synthase F(0) sector subunit b; ATPase subunit I; F-type ATPase subunit b
Protein Family	ATP synthase
UniProt Gene Name	atpF
UniProt Synonym Gene Names	F-ATPase subunit b
UniProt Entry Name	ATPF_LACC3
NCBI Protein Information	F0F1-type ATP synthase, subunit b
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