ATP Synthase Subunit Alpha (atpA) Rhodopseudomonas Palustris Recombinant Protein

PRODUCT OVERVIEW

Product Name	ATP synthase subunit alpha (atpA), Recombinant Protein
Full Product Name	Recombinant Rhodopseudomonas palustris ATP synthase subunit alpha (atpA), partial
Product Gene Name	atpA recombinant protein
Product Synonym Gene Name	atpA
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	55,067 Da
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 Q2J3I2
Species	Rhodopseudomonas palustris (strain HaA2)
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for atpA recombinant protein	MBS1471825 is a recombinant protein targeting atpA. Also known as Recombinant Rhodopseudomonas palustris ATP synthase subunit alpha (atpA), partial. Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of atpA 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 atpA. It may not necessarily be applicable to this product.

NCBI GI #	499758434
NCBI Accession #	WP_011439168.1
UniProt Primary Accession #	Q2J3I2
GenBank Nucleotide #	WP_011439168.1
NCBI Official Full Name	ATP synthase subunit alpha
UniProt Protein Name	ATP synthase subunit alpha
UniProt Synonym Protein Names	ATP synthase F1 sector subunit alpha
Protein Family	ATP synthase
UniProt Gene Name	atpA

UniProt Comments for atpA	Produces ATP from ADP in the presence of a proton gradient across the membrane. The alpha chain is a regulatory subunit.
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