V-Type ATP Synthase Alpha Chain (atpA) Treponema Denticola Recombinant Protein

PRODUCT OVERVIEW

Product Name	V-type ATP synthase alpha chain (atpA), Recombinant Protein
Full Product Name	Recombinant Treponema denticola V-type ATP synthase alpha chain (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	65,263 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 Q73M28
Species	Treponema denticola (strain 35405 / CIP 103919 / DSM 14222)
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for atpA recombinant protein	MBS1335440 is a recombinant protein targeting atpA. Also known as Recombinant Treponema denticola V-type ATP synthase alpha chain (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 #	42527189
NCBI GeneID	2740138
NCBI Accession #	NP_972287.1
UniProt Primary Accession #	Q73M28
UniProt Related Accession #	Q73M28
GenBank Nucleotide #	NC_002967.9
NCBI Official Full Name	V-type ATP synthase subunit A
NCBI Official Symbol	atpA
UniProt Protein Name	V-type ATP synthase alpha chain

UniProt Synonym Protein Names	V-ATPase subunit A
Protein Family	ATP synthase
UniProt Gene Name	atpA
NCBI Protein Information	V-type ATP synthase subunit A
UniProt Comments for atpA	Produces ATP from ADP in the presence of a proton gradient across the membrane. The V-type alpha chain is a catalytic subunit.
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