Energy-Coupling Factor Transporter ATP-Binding Protein Ecfa 2 (ecfA2) Streptococcus Pneumoniae Recombinant Protein

PRODUCT OVERVIEW

Product Name	Energy-coupling factor transporter ATP-binding protein EcfA 2 (ecfA2), Recombinant Protein
Full Product Name	Recombinant Streptococcus pneumoniae Energy-coupling factor transporter ATP-binding protein EcfA 2 (ecfA2)
Product Gene Name	ecfA2 recombinant protein
Product Synonym Gene Name	ecfA2
Sequence	MKSIIDVKNL SFRYKENQNY YDVKDITFHV KRGEWLSIVG HNGSGKSTTV RLIDGLLEAE SGEIVIDGQR LTEENVWNIR RQIGMVFQNP DNQFVGATVE DDVAFGLENQ GLSRQEMKKR VEEALALVGM LDFKKREPAR LSGGQKQRVA IAGVVALRPA ILILDEATSM LDPEGRRELI GTVKGIRKDY DMTVISITHD LEEVAMSDRV LVMKKGEIES TSSPRELFSR NDLDQIGLDD PFANQLKKSL SQNGYDLPEN YLTESELEDK LWELL
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	31,102 Da
Sequence Positions	1-275, 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 Q8DMX9
Species	Streptococcus pneumoniae (strain BAA-255 / R6)
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for ecfA2 recombinant protein	MBS1436201 is a recombinant protein targeting ecfA2. Also known as Recombinant Streptococcus pneumoniae Energy-coupling factor transporter ATP-binding protein EcfA 2 (ecfA2). Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of ecfA2 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 ecfA2. It may not necessarily be applicable to this product.

NCBI GI #	15904067
NCBI GeneID	934864
NCBI Accession #	NP_359617.1
UniProt Primary Accession #	Q8DMX9

UniProt Related Accession #	Q8DMX9
GenBank Nucleotide #	NC_003098.1
NCBI Official Full Name	cobalt transporter ATP-binding subunit
NCBI Official Symbol	cbiO
UniProt Protein Name	Energy-coupling factor transporter ATP-binding protein EcfA1
Protein Family	Energy-coupling factor transporter ATP-binding protein
UniProt Gene Name	ecfA1
UniProt Synonym Gene Names	ECF transporter A component EcfA1
NCBI Protein Information	cobalt transporter ATP-binding subunit
UniProt Comments for ecfA2	ATP-binding (A) component of a common energy-coupling factor (ECF) ABC-transporter complex. Unlike classic ABC transporters this ECF transporter provides the energy necessary to transport a number of different substrates.
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