Energy-Coupling Factor Transporter ATP-Binding Protein Ecfa 1 (ecfA1) Geobacillus Kaustophilus Recombinant Protein

PRODUCT OVERVIEW

Product Name	Energy-coupling factor transporter ATP-binding protein EcfA 1 (ecfA1), Recombinant Protein
Full Product Name	Recombinant Geobacillus kaustophilus Energy-coupling factor transporter ATP-binding protein EcfA 1 (ecfA1)
Product Gene Name	ecfA1 recombinant protein
Product Synonym Gene Name	ecfA1
Sequence	MAEPILSIEG VSFRYPNQSD YAVQNVSFTA ERGEWLAIVG HNGSGKSTIA RMLIGLLRPE RGAIRLFGRL LNDATVWEVR RRVGLVFQNP DNQFVGATVE DDIAFALENN GIPRLEMVER IREAIRQVHM EPFLHYEPHR LSGGQKQRVA IAGILALRPD MIILDEATSM LDPRGREEVL ETVRRLNRQQ RITVLSITHD LEEAAKADRL IVMNKGEVMA EGTPEQIFRL GSKLERIGLD LPFAVKMGSR LREQGIPLRA GYFTTEELVE ELWTLYSKK
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	31,642 Da
Sequence Positions	1-279, Full length
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 Q5L3R0
Species	Geobacillus kaustophilus (strain HTA426)
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for ecfA1 recombinant protein	MBS1312098 is a recombinant protein targeting ecfA1. Also known as Recombinant Geobacillus kaustophilus Energy-coupling factor transporter ATP-binding protein EcfA 1 (ecfA1). Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of ecfA1 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 ecfA1. It may not necessarily be applicable to this product.

NCBI GI #	499548864
NCBI Accession #	WP_011229647.1
UniProt Primary Accession #	Q5L3R0
GenBank Nucleotide #	WP_011229647.1

NCBI Official Full Name	MULTISPECIES: energy-coupling factor transporter ATPase
UniProt Protein Name	Energy-coupling factor transporter ATP-binding protein EcfA1
UniProt Gene Name	ecfA1
UniProt Synonym Gene Names	ECF transporter A component EcfA1
UniProt Comments for ecfA1	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.
Precautions	All of MyBioSource's Products are for scientific laboratory research purposes and are not for diagnostic, therapeutics, prophylactic or in vivo use. Through your purchase, you expressly represent and warrant to MyBioSource that you will properly test and use any Products purchased from MyBioSource in accordance with industry standards. MyBioSource and its authorized distributors reserve the right to refuse to process any order where we reasonably believe that the intended use will fall outside of our acceptable guidelines.
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