Energy-Coupling Factor Transporter ATP-Binding Protein Ecfa 2 (ecfA2) Clostridium Perfringens Recombinant Protein

PRODUCT OVERVIEW

Product Name	Energy-coupling factor transporter ATP-binding protein EcfA 2 (ecfA2), Recombinant Protein
Full Product Name	Recombinant Clostridium perfringens Energy-coupling factor transporter ATP-binding protein EcfA 2 (ecfA2)
Product Gene Name	ecfA2 recombinant protein
Product Synonym Gene Name	ecfA2
Sequence	MGENMIKSED LVFKYVNSEE QNEKLAINHV SMEVKNGEFL VILGHNGSGK STMAKHMNAL LLPSGGKMYV DGLDTSDIEN IWEVRRRAGM VFQNPDNQLV ATIVEEDVAF GPENLGVDPK EIRERVDDSL KAVGMYEYRK HAPHLLSGGQ KQRIAIAGIL AMRPKCIVLD EPTAMLDPSG RNEVMKTIKE VNKKFGITII LITHYMDEAA QADRIIVMDK GEKVMEGVPR EIFSQVKKIK SIGLDVPQVT ELAYELQKEG VDISTEILNI DEMVNALCQL K
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	31,381 Da
Sequence Positions	1-281, 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 Q0SQH5
Species	Clostridium perfringens (strain SM101 / Type A)
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for ecfA2 recombinant protein	MBS1334048 is a recombinant protein targeting ecfA2. Also known as Recombinant Clostridium perfringens 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 #	123341531
NCBI Accession #	Q0SQH5.1
UniProt Primary Accession #	Q0SQH5
NCBI Official Full Name	Energy-coupling factor transporter ATP-binding protein EcfA1

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
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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