Acetate Kinase (ackA) Staphylococcus Epidermidis Recombinant Protein

PRODUCT OVERVIEW

Product Name	Acetate kinase (ackA), Recombinant Protein
Full Product Name	Recombinant Staphylococcus epidermidis Acetate kinase (ackA)
Product Gene Name	ackA recombinant protein
Product Synonym Gene Name	ackA
Sequence	MSKLILAVNA GSSSLKFQLI KMPEEKLVTK GVIERIGLSD SIFTIHVNGE KLTDIRDIHN HEEAVNIMLD SFKEHEMIKD ITDIQGTGHR VVHGGETFPK SVVVTDEVES QIEELSELAP LHNPANLMGI RAFRKLLPEI PHVAVFDTSF HQTMPEQAYL YSLPYHYYED YGIRKYGFHG TSHKYVSRRA AQIVGRPIED LRIISCHIGN GASIAAIDGG ESIDTSMGFT PLAGVTMGTR SGNLDPALIP FIMEKTGKTA DEVLEILNKE SGLLGLTGTS SDLRDLTEEA KHGRQRSRVA LDLFASKIHK YIGSYAARMH GVDVIVFTAG IGENSHIIRG KVLEGLEFMG VYWDPKKNES LHGEEGYINY PHSPVKVLVV PTDEEVMISR DVIKYGKLND NTPKKEEFDT NESIEVN
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	46,338 Da
Sequence Positions	1-417, 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 Q8CS60
Species	Staphylococcus epidermidis (strain 12228)
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for ackA recombinant protein	MBS1354491 is a recombinant protein targeting ackA. Also known as Recombinant Staphylococcus epidermidis Acetate kinase (ackA). Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of ackA 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 ackA. It may not necessarily be applicable to this product.

NCBI GI #	27468305
NCBI GeneID	1056464
NCBI Accession #	NP_764942.1
UniProt Primary Accession #	Q8CS60

UniProt Related Accession #	Q8CS60
GenBank Nucleotide #	NC_004461.1
NCBI Official Full Name	acetate kinase
NCBI Official Symbol	SE1387
UniProt Protein Name	Acetate kinase
UniProt Synonym Protein Names	Acetokinase
Protein Family	Acetate kinase
UniProt Gene Name	ackA
NCBI Protein Information	acetate kinase
UniProt Comments for ackA	Catalyzes the formation of acetyl phosphate from acetate and ATP. Can also catalyze the reverse reaction.
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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