Adenylate Kinase (adk) Recombinant Protein

PRODUCT OVERVIEW

Product Name	Adenylate kinase (adk), Recombinant Protein
Full Product Name	Recombinant Pectobacterium carotovorum subsp. carotovorum Adenylate kinase (adk)
Product Gene Name	adk recombinant protein
Sequence	MRIILLGAPG AGKGTQAQFI MEKYGIPQIS TGDMLRAAVK AGTELGKQAK EIMDAGKLVT DELVIALVKE RIAQDDCRNG FLLDGFPRTI PQADAMKDVG INVDYVIEFA VPDELIIDRI VGRRVHAASG RVYHVKFNPP KVEGKDDVTG EDLTIRKDDH EDTVRKRLVE YHQQTAPLVS YYQKEADAGN TRYFKVEGTR KVEEVRAELE TILG
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	23,797 Da
Sequence Positions	1-214, 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 C6DB87
Species	Pectobacterium carotovorum subsp. carotovorum (strain PC1)
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for adk recombinant protein	MBS1237703 is a recombinant protein targeting adk. Also known as Recombinant Pectobacterium carotovorum subsp. carotovorum Adenylate kinase (adk). Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of adk 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 adk. It may not necessarily be applicable to this product.

NCBI GI #	506319596
NCBI Accession #	WP_015839371.1
UniProt Primary Accession #	C6DB87
GenBank Nucleotide #	WP_015839371.1
NCBI Official Full Name	adenylate kinase
UniProt Protein Name	Adenylate kinase
UniProt Synonym Protein Names	ATP-AMP transphosphorylase

UniProt Gene Name	adk
UniProt Synonym Gene Names	AK
UniProt Comments for adk	Catalyzes the reversible transfer of the terminal phosphate group between ATP and AMP. Plays an important role in cellular energy homeostasis and in adenine nucleotide metabolism.
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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