Putative Adenylate Kinase (TV0621) Thermoplasma Volcanium Recombinant Protein

PRODUCT OVERVIEW

Product Name	Putative adenylate kinase (TV0621), Recombinant Protein
Full Product Name	Recombinant Thermoplasma volcanium Putative adenylate kinase (TV0621)
Product Gene Name	TV0621 recombinant protein
Product Synonym Gene Name	TV0621
Sequence	MGKIACITGP PGAGKSTVCS KLREYGYNCK EGNELAKEYG CLFDEEVDVE CLEEKLAEDR FDGIICSHYS HLLGCSTVFI LEADLNDLID RMRARGYSEE KIQENIETQM SSIFYYESLE RLPANRIFTL YNGNIDETAK RIISIIERSR NNK
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	17,439 Da
Sequence Positions	1-153, 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 Q97B38
Species	Thermoplasma volcanium (strain 51530 / DSM 4299 / JCM 9571 / NBRC 15438 / GSS1)
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for TV0621 recombinant protein	MBS1311971 is a recombinant protein targeting TV0621. Also known as Recombinant Thermoplasma volcanium Putative adenylate kinase (TV0621). Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of TV0621 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 TV0621. It may not necessarily be applicable to this product.

NCBI GI #	499219340
NCBI Accession #	WP_010916880.1
UniProt Primary Accession #	Q97B38
GenBank Nucleotide #	WP_010916880.1
NCBI Official Full Name	adenylate kinase
UniProt Protein Name	Putative adenylate kinase

UniProt Synonym Protein Names	ATP-AMP transphosphorylase
UniProt Gene Name	TV0621
UniProt Synonym Gene Names	AK
UniProt Comments for TV0621	Broad-specificity nucleoside monophosphate (NMP) kinase that catalyzes the reversible transfer of the terminal phosphate group between nucleoside triphosphates and monophosphates.
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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