Arginine Kinase (AK) Carcinus Maenas Recombinant Protein

PRODUCT OVERVIEW

Product Name	Arginine kinase (AK), Recombinant Protein
Full Product Name	Recombinant Carcinus maenas Arginine kinase
Product Gene Name	AK recombinant protein
Sequence	ADAATITKLE EGFKKLEAAT DCKSLLKKYL TKSVFDQLKA KKTSLGATLL DVIQSGVENL DSGVGVYAPD AEAYTLFSPL FDPIIEDYHK GFKQTDKHPN KDFGDVNQFV NVDPDGKFVI STRVRCGRSM EGYPFNPCLT EAQYKEMESK VSSTLSNLEG ELKGTYHALT GMTKDVQQKL IDDHFLFKEG DRFLQAANAC RYWPTGRGIY HNDNKTFLVW CNEEDHLRII SMQMGGDLGQ VYRRLVTAVN DIEKRVPFSH HDRLGFLTFC PTNLGTTVRA SVHIKLPKLA ANRDKLEEVA GKYSLQVRGT RGEHTEAEGG VYDISNKRRM GLTEFQAVKE MQDGILELIK IEKEMQ
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	40,237 Da
Sequence Positions	2-357, 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 Q9U9J4
Species	Carcinus maenas (Common shore crab) (Green crab)
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for AK recombinant protein	MBS1355738 is a recombinant protein targeting AK. Also known as Recombinant Carcinus maenas Arginine kinase. Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of AK 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 AK. It may not necessarily be applicable to this product.

NCBI GI #	25453075
NCBI Accession #	Q9U9J4.1
UniProt Primary Accession #	Q9U9J4
NCBI Official Full Name	Arginine kinase
UniProt Protein Name	Arginine kinase

Protein Family	Arginine kinase
UniProt Gene Name	AK
UniProt Synonym Gene Names	AK
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