



Recombinant Penaeus monodon Arginine kinase (AK)

Product Code	CSB-YP511311ETF
Storage	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.
Uniprot No.	C7E3T4
Product Type	Recombinant Protein
Immunogen Species	Penaeus monodon (Giant tiger prawn)
Purity	≥85% (SDS-PAGE)
Sequence	ADAAVIEKL EAGFKKLEAA TDCKSLLKKY LSKAVFDQLK EKKTSLGATL LDVIQSGVEN LDSGVGIYAP DAEAYTLFSP LFDPIIEDYH VGFKQTDKHP NKDFGDVNTF VNVDPGKYV ISTRVRCGRS MEGYPFNPCL TEAQYKEMEA KVSSTLSSLE GELKGTYYPL TGMSKEVQQK LIDDHFLFKE GDRFLQAANA CRYWPAGRGI YHNDNKTFLV WVNEEDHLRI ISMQMGDDLQ QVFRRLTSAV NEIEKRIPFS HHDRLGFLTF CPTNLGTTVR ASVHIKLPKL AANREKLEEV AGKYNLQVRG TRGEHTEAEG GIYDISNKRR MGLTEFQAVK EMQDGILELI KMEKEM
Source	Yeast
Target Names	AK
Protein Names	Recommended name: Arginine kinase Short name= AK EC= 2.7.3.3 Alternative name(s): Allergen= Pen m 2
Expression Region	2-356
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Tag Info	Tag type will be determined during the manufacturing process.
Protein Length	Full Length of Mature Protein
Reconstitution	We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%. Customers could use it as reference.
Shelf Life	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.