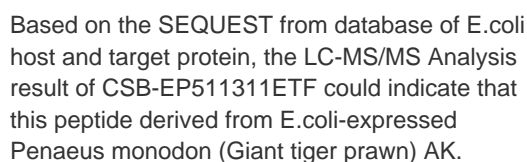
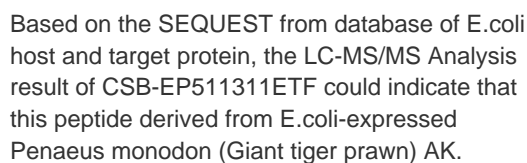




# Recombinant Penaeus monodon Arginine kinase (AK)

|                            |  |
|----------------------------|--|
| <b>Product Code</b>        | CSB-EP511311ETF  |
| <b>Storage</b>             | 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.  |
| <b>Uniprot No.</b>         | C7E3T4   |
| <b>Alias</b>               | Allergen: Pen m 2  |
| <b>Product Type</b>        | Recombinant Protein  |
| <b>Immunogen Species</b>   | Penaeus monodon (Giant tiger prawn)  |
| <b>Purity</b>              | Greater than 90% as determined by SDS-PAGE.  |
| <b>Sequence</b>            | ADAAVIEKLEAGFKKLEAATDCKSLLKKYLSKAVFDQLKEKKTSLGATLLDVIQS<br>GVENLDSGVGIYAPDAEAYTLFSPLFDPIIEDYHVGFKQTDKHPNKDFGVDVNTF<br>VNVDPEGKYVISTRVRCGRSMEGYPFNPCLTEAQYKEMEAKVSSTLSSLEGE<br>LKGTYYP LTGMSKEVQQKLIDDHFLFKEGDRFLQAANACRYWPAGRGYHND<br>NKTFLVWVNEEDHLRIISMQMGGDLGQVFRRLTS AVNEIEKRIPFSHHDR LGFL<br>TFCPTNLGTTVRASVHIKLPKLAANREKLEEVAGKYNLQVRGTRGEHTEAEGG<br>IYDISNKRRMGLTEFQAVKEMQDGILELIKMEKEM |
| <b>Lead Time</b>           | 3-7 business days  |
| <b>Research Area</b>       | Allergen   |
| <b>Source</b>              | E.coli   |
| <b>Gene Names</b>          | AK   |
| <b>Expression Region</b>   | 2-356aa  |
| <b>Notes</b>               | Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.  |
| <b>Tag Info</b>            | N-terminal 6xHis-SUMO-tagged   |
| <b>Mol. Weight</b>         | 56.0kDa  |
| <b>Protein Description</b> | Full Length of Mature Protein  |
| <b>Image</b>               |  |



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.