

# Recombinant Giant tiger prawn AK protein, His-SUMO-tagged

**Cat. No.** AK-4310G    **Lot. No.** (See product label)

## SPECIFICATION

<b>Product Overview</b>	Recombinant Giant tiger prawn AK protein(C7E3T4)(2-356aa), fused to N-terminal His-SUMO tag, was expressed in E. coli.
<b>Species</b>	Giant tiger prawn
<b>Source</b>	E.coli
<b>ProteinLength</b>	2-356aa
<b>Form</b>	If the delivery form is liquid, the default storage buffer is Tris/PBS-based buffer, 5%-50% glycerol. If the delivery form is lyophilized powder, the buffer before lyophilization is Tris/PBS-based buffer, 6% Trehalose, pH 8.0.
<b>Molecular Mass</b>	56 kDa
<b>AA Sequence</b>	ADAAVIEKLEAGFKKLEAATDCKSLLKKYLSKAVFDQLKEKKTSLGATLLDVIQSGVE NLDSGVGIYAPDAEAYTLFSPLFDPIIEDYHVGFKQTDKHPNKDFGDVNTFVNVDPE GKYVISTRVRCGRSMEGYPFNPCLTEAQYKEMEAKVSSTLSSLEGELKGYTYPLTG MSKEVQQKLIDDHFLFKEGDRFLQAANACRYWPAGRGIYHNDNKTFVWVNEEDHL RIISMQMGGDLGQVFRRLTSAVNEIEKRIPFSHHDRLGFLTFCPTNLGTTVRASVHIK LPKLAANREKLEEVAGKYNLQVRGTRGEHTEAEGGIYDISNKRRMGLTEFQAVKEM QDGILELIKMEKEM
<b>Purity</b>	Greater than 90% as determined by SDS-PAGE.

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**Storage**

Store at -20°C/-80°C upon receipt, aliquoting is necessary for multiple use. Avoid repeated freeze-thaw cycles.

**Reconstitution**

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%.

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