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

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

## SPECIFICATION

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