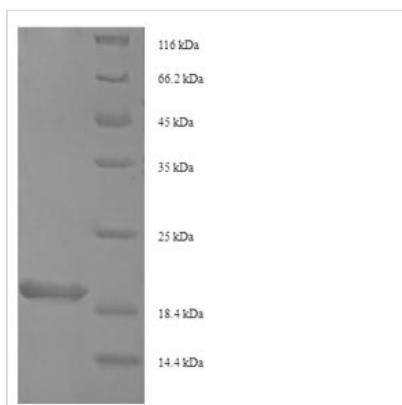




# Recombinant Oxyopes takobius Oxyopinin-4a

<b>Product Code</b>	CSB-EP520732OGA
<b>Relevance</b>	Disrupts cell membranes through the formation of pores (Probable). Has antibacterial activity against Gram-positive bacteria <i>S.aureus</i> (MIC=10 $\mu$ M) and <i>B.subtilis</i> (MIC=0.5 $\mu$ M) as well as Gram-negative bacteria <i>P.fluorescens</i> (MIC=1 $\mu$ M) and <i>E.coli</i> (MIC=0.5 $\mu$ M). Has hemolytic activity against human erythrocytes (EC(50)=7 $\mu$ M)
<b>Abbreviation</b>	Recombinant Oxyopes takobius Oxyopinin-4a protein
<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>	F8J4S0
<b>Alias</b>	Oxt-4a
<b>Product Type</b>	Recombinant Protein
<b>Immunogen Species</b>	Oxyopes takobius (Lynx spider) (Oxyopes foliiformis)
<b>Purity</b>	Greater than 90% as determined by SDS-PAGE.
<b>Sequence</b>	GIRCPKSWKCKAFKQRVLKRLMLRQHAF
<b>Research Area</b>	Others
<b>Source</b>	E.coli
<b>Expression Region</b>	48-77aa
<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>	19.6kDa
<b>Protein Length</b>	Full Length of Mature Protein

## Image



(Tris-Glycine gel) Discontinuous SDS-PAGE (reduced) with 5% enrichment gel and 15% separation gel.

## 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

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