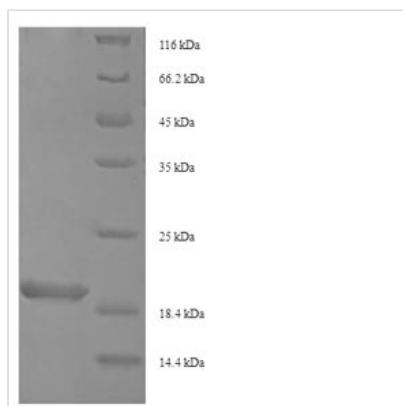




Recombinant *Oxyopes takobius* Oxyopinin-4a

Product Code	CSB-EP520732OGA
Relevance	Disrupts cell membranes through the formation of pores (Probable). Has antibacterial activity against Gram-positive bacteria <i>S.aureus</i> (MIC=10 μ M) and <i>B.subtilis</i> (MIC=0.5 μ M) as well as Gram-negative bacteria <i>P.fluorescens</i> (MIC=1 μ M) and <i>E.coli</i> (MIC=0.5 μ M). Has hemolytic activity against human erythrocytes (EC(50)=7 μ M)
Abbreviation	Recombinant <i>Oxyopes takobius</i> Oxyopinin-4a protein
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.	F8J4S0
Alias	Oxt-4a
Product Type	Recombinant Protein
Immunogen Species	<i>Oxyopes takobius</i> (Lynx spider) (<i>Oxyopes foliiformis</i>)
Purity	≥ 90% as determined by SDS-PAGE.
Sequence	GIRCPKSWKCKAFKQRVLKRLMLRQHAF
Research Area	Others
Source	<i>E.coli</i>
Expression Region	48-77aa
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Tag Info	N-terminal 6xHis-SUMO-tagged
Mol. Weight	19.6kDa
Protein Length	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

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.