

Oxyopinin-4a Recombinant Protein | Oxt-4a recombinant protein

Recombinant Oxyopes takobius (Lynx spider) (Oxyopes foliiformis) Oxyopinin-4a

CATALOG # AAA114780	HOST E Coli or Yeast or Baculovirus or Mammalian Cell
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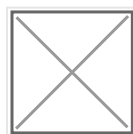
PRODUCT SYNONYMS

Oxyopinin-4a; Recombinant Oxyopes takobius (Lynx spider) (Oxyopes foliiformis) Oxyopinin-4a; Oxt-4a; Oxt-4a recombinant protein

PRODUCT SPECIFICATIONS

Host	E Coli or Yeast or Baculovirus or Mammalian Cell
Purity/Purification	Greater or equal to 85% purity as determined by SDS-PAGE.
Form/Format	Lyophilized or liquid (Format to be determined during the manufacturing process)
Sequence Positions	48-77aa; Full Length
Sequence	GIRCPKSWKC KAFKQRLKR LLAMLRQHAF
Sequence Length	77
Species	Oxyopes takobius (Lynx spider) (Oxyopes foliiformis)
Preparation and Storage	Store at -20 degree C, for extended storage, conserve at -20 degree C or -80 degree C.

IMAGES



SDS-PAGE

ADDITIONAL INFORMATION

Related Product Information for Oxt-4a recombinant protein	Disrupts cell membranes through the formation of pores (Probable). Has antibacterial activity against Gram-positive bacteria <i>S. aureus</i> (MIC=10 uM) and <i>B. subtilis</i> (MIC=0. 5 uM) as well as Gram-negative bacteria <i>P. fluorescens</i> (MIC=1 uM) and <i>E Coli</i> (MIC=0. 5 uM). Has hemolytic activity against human erythrocytes (EC(50)=7 uM)
References	"Novel lynx spider toxin shares common molecular architecture with defense peptides from frog skin." Dubovskii P.V., Vassilevski A.A., Samsonova O.V., Egorova N.S., Kozlov S.A., Feofanov A.V., Arseniev A.S., Grishin E.V. FEBS J. 278:4382-4393(2011)

NCBI AND UNIPROT INFORMATION

NCBI GI #	357580501
UniProt Accession #	F8J4S0 ; P86350
Molecular Weight	19.6 kDa
NCBI Official Full Name	Oxyopinin-4a
UniProt Protein Name	Oxyopinin-4a

UniProt Gene Name	Oxt-4a
UniProt Synonym Gene Names	Oxt-4a
UniProt Entry Name	TOP4A_OXYTA

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/oxt-4a-recombinant-protein-e-coli-or-yeast-or-baculovirus-or-mammalian-cell/114780>