

Recombinant *Leiurus quinquestriatus hebraeus* Alpha-insect toxin LqhaIT Protein, His-SUMO-tagged

Cat. No. LqhaIT-1116L **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Alpha-insect toxin LqhaIT Protein (20-85aa) was expressed in E. coli with His-SUMO-tag.
Species	<i>Leiurus quinquestriatus hebraeus</i>
Source	E.coli
ProteinLength	20-85 a.a.
Description	Alpha toxins bind voltage-independently at site-3 of sodium channels (Nav) and inhibit the inactivation of the activated channels, thereby blocking neuronal transmission. The dissociation is voltage-dependent. This toxin is active on insects. It is also highly toxic to crustaceans and has a measurable but low toxicity to mice.
Form	Tris-based buffer, 50% glycerol.
Molecular Mass	23.5 kDa
AA Sequence	VRDAYIAKNYNCVYECFRDAYCNELCTKNGASSGYCQWAGKYGNACWCYALPDN VPIRVPGKCHRK
Purity	Greater than 90% as determined by SDS-PAGE.
Storage	The shelf life of liquid form is 6 months at -20 centigrade/-80 centigrade. The shelf life

 Tel: 1-631-559-9269 1-516-512-3133

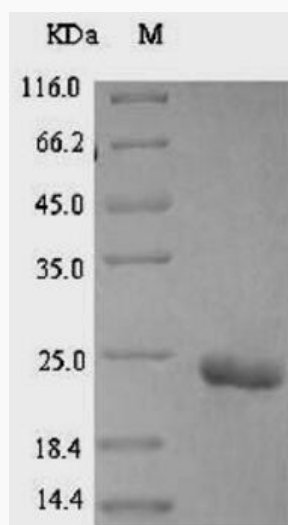
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of lyophilized form is 12 months at -20 centigrade/-80 centigrade.

GENE INFORMATION

Gene Name	Alpha-insect toxin LqhaIT
Official Symbol	Alpha-insect toxin LqhaIT
Synonyms	Alpha-insect toxin LqhaIT; LqhaIT; Lqh-alpha-IT; Alpha-IT
UniProt ID	P17728



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