

Recombinant Centruroides noxius Beta-mammal toxin Cn2

Catalog No: #AP72951

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Package Size: #AP72951-1 20ug #AP72951-2 100ug #AP72951-3 1mg

Description

Product Name	Recombinant Centruroides noxius Beta-mammal toxin Cn2
Brief Description	Recombinant Protein
Host Species	Yeast
Purification	Greater than 90% as determined by SDS-PAGE.
Immunogen Description	Expression Region:17-82aaSequence Info:Full Length
Other Names	Toxin II.9.2.2
Accession No.	P01495
Uniprot	P01495
Calculated MW	9.6 kDa
Tag Info	N-terminal 6xHis-tagged
Target Sequence	KEGYLVDKNTGCKYECLKLGDNDYCLRECKQQYGKGAGGYCYAFACWCTHLYEQAIWVPLPNKRCS
Formulation	Tris-based buffer50% glycerol
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.Notes:Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.

Background

Mammal beta-toxins bind voltage-independently at site-4 of sodium channels (Nav) and shift the activation voltage to more negative potentials. This toxin is active against mammals.

References

"Solution structure of toxin 2 from Centruroides noxius Hoffmann, a beta-scorpion neurotoxin acting on sodium channels."Pintar A., Possani L.D., Delepierre M.J. Mol. Biol. 287:359-367(1999)Research Topic:Others

Note: This product is for in vitro research use only