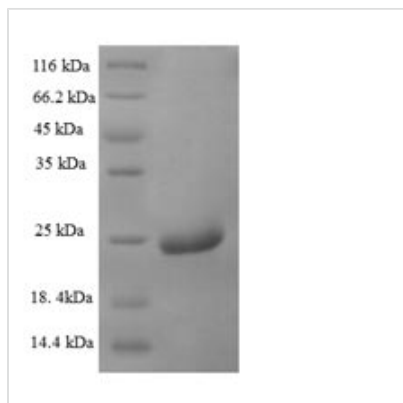




Recombinant Centruroides noxius Beta-mammal toxin Cn2

Product Code	CSB-EP355662DRB
Relevance	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.
Abbreviation	Recombinant Centruroides noxius Beta-mammal toxin Cn2 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.	P01495
Alias	Toxin II.9.2.2
Product Type	Recombinant Protein
Immunogen Species	Centruroides noxius (Mexican scorpion)
Purity	Greater than 90% as determined by SDS-PAGE.
Sequence	KEGYLVDKNTGCKYECLKLGDNDYCLRECKQQYGKGAGGYCYAFACWCTHL YEQAIVWPLPNKRCS
Research Area	Others
Source	E.coli
Protein Names	Recommended name: Beta-mammal toxin Cn2 Short name= Toxin 2 Alternative name(s): Toxin II.9.2.2
Expression Region	17-82aa
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	23.6kDa
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.