



Recombinant Centruroides suffusus Beta-mammal toxin C_{ss}4

Product Code	CSB-EP350214DRC
Relevance	Beta toxins bind voltage-independently at site-4 of sodium channels (Nav) and shift the voltage of activation toward more negative potentials thereby affecting sodium channel activation and promoting spontaneous and repetitive firing. This toxin is active only on mammals.
Abbreviation	Recombinant Centruroides suffusus Beta-mammal toxin C _{ss} 4 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.	P60266
Product Type	Recombinant Proteins
Immunogen Species	Centruroides suffusus suffusus (Mexican scorpion)
Purity	≥ 90% as determined by SDS-PAGE.
Sequence	KEGYLVNSYTGCKFECKLGDNDYCLRECRQQYGKGS GG YCYAFGCWCTHL YEQAVVWPLPNKTCN
Research Area	Others
Source	E.coli
Target Names	N/A
Protein Names	Recommended name: Beta-mammal toxin C _{ss} 4 Alternative name(s): C _{ss} IV Short name= C _{ss} IV
Expression Region	20-85aa
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	

