





## Recombinant Centruroides suffusus Beta-mammal toxin Css4

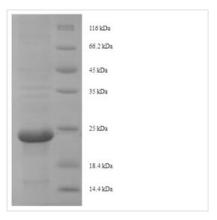
<b>Product Code</b>	CSB-EP350214DRC
Relevance	Beta toxins bind voltage-independently at site-4 of sodium channels (Nav) and shift the voltage of activation toward more negative potentials thereby affecting sodium channel activation and promoting spontaneous and repetitive firing. This toxin is active only on mammals.
Abbreviation	Recombinant Centruroides suffusus Beta-mammal toxin Css4 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	Greater than 90% as determined by SDS-PAGE.
Sequence	KEGYLVNSYTGCKFECFKLGDNDYCLRECRQQYGKGSGGYCYAFGCWCTHL YEQAVVWPLPNKTCN
Research Area	Others
Source	E.coli
Target Names	N/A
Protein Names	Recommended name: Beta-mammal toxin Css4Alternative name(s): Css IV Short name= CssIV
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	



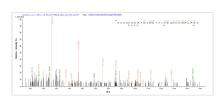




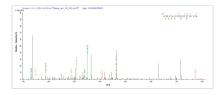




(Tris-Glycine gel) Discontinuous SDS-PAGE (reduced) with 5% enrichment gel and 15% separation gel.



Based on the SEQUEST from database of E.coli host and target protein, the LC-MS/MS Analysis result of CSB-EP350214DRC could indicate that this peptide derived from E.coli-expressed Centruroides suffusus suffusus (Mexican scorpion) Beta-mammal toxin Css4.



Based on the SEQUEST from database of E.coli host and target protein, the LC-MS/MS Analysis result of CSB-EP350214DRC could indicate that this peptide derived from E.coli-expressed Centruroides suffusus suffusus (Mexican scorpion) Beta-mammal toxin Css4.

## 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.