

Beta-mammal toxin Css4 Recombinant Protein | SCX4 recombinant protein

Recombinant Centruroides suffusus suffusus (Mexican scorpion) Beta-mammal toxin Css4

CATALOG # AAA309754	HOST E Coli	REACTIVITY CENSU
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PRODUCT SYNONYMS

Beta-mammal toxin Css4; Recombinant Centruroides suffusus suffusus (Mexican scorpion) Beta-mammal toxin Css4; SCX4 recombinant protein

PRODUCT SPECIFICATIONS

Host	E Coli
Reactivity	CENSU
Purity/Purification	Greater than 90% as determined by SDS-PAGE.
Form/Format	Tris-based buffer 50% glycerol
Sequence Positions	Full Length, 1-66aa
Sequence	KEGYLVNSYT GCKFECFKLG DNDYCLRECR QQYGKGSGGY CYAFGCWCTH LYEQAVVWPL PNKTCN
Tag Info	N-terminal 6xHis-SUMO-tagged
Preparation and 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.

ADDITIONAL INFORMATION

Related Product Information for SCX4 recombinant protein	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.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	41017880
UniProt Accession #	P60266
Molecular Weight	23.6 kDa
NCBI Official Full Name	Beta-mammal toxin Css4
UniProt Protein Name	Beta-mammal toxin Css4
UniProt Gene Name	CssIV
UniProt Synonym Gene Names	CssIV

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.