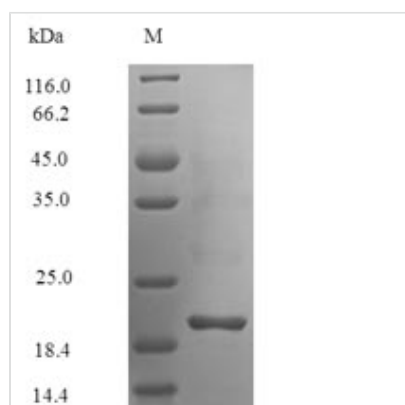




Recombinant Androctonus australis Alpha-mammal toxin AaH2

Product Code	CSB-EP355659AJZ
Relevance	Alpha toxins bind voltage-independently at site-3 of sodium channels (Nav) and inhibit the inactivation of the activated channels, thereby blocking neuronal transmission. This toxin is active against mammals.
Abbreviation	Recombinant Androctonus australis Alpha-mammal toxin AaH2 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.	P01484
Alias	AaH II Short name:AaHII Neurotoxin 2
Product Type	Recombinant Protein
Immunogen Species	Androctonus australis (Sahara scorpion)
Purity	Greater than 90% as determined by SDS-PAGE.
Sequence	VKDGIVDDVNCTYFCGRNAYCNEECTKLGESGYCQWASPYGNACYCYKL PDHVRTKGPGRCH
Research Area	Others
Source	E.coli
Expression Region	20-83aa
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	23.3kDa
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.