Alpha-mammal toxin AaH2 Recombinant Protein | AaH2 recombinant protein

Recombinant Androctonus australis Alpha-mammal toxin AaH2

CATALOG #	HOST
AAA114404	**E Coli or Yeast or Baculovirus or Mammalian Cell**

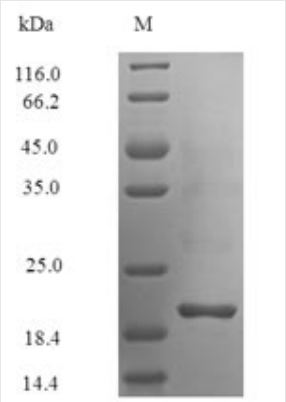
PRODUCT SYNONYMS

Alpha-mammal toxin AaH2; Recombinant Androctonus australis Alpha-mammal toxin AaH2; AaH II; AaHII; Neurotoxin 2; AaH2 recombinant protein

PRODUCT SPECIFICATIONS

Host	E Coli or Yeast or Baculovirus or Mammalian Cell
Purity/Purification	Greater or equal to 85% purity as determined by SDS-PAGE.
Form/Format	Lyophilized or liquid (Format to be determined during the manufacturing process)
Sequence Positions	20-83aa; Full Length of Mature Protein
Sequence	VKDGYIVDDV NCTYFCGRNA YCNEECTKLK GESGYCQWAS PYGNACYCYK LPDHVRTKGP GRCH
Species	Androctonus australis (Sahara scorpion)
Preparation and Storage	Store at -20 degree C, for extended storage, conserve at -20 degree C or -80 degree C.

IMAGES



SDS-PAGE

ADDITIONAL INFORMATION

Related Product Information for AaH2 recombinant protein	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.
References	"Precursors of Androctonus australis scorpion neurotoxins. Structures of precursors, processing outcomes, and expression of a functional recombinant toxin II." Bougis P.E., Rochat H., Smith L.A. J. Biol. Chem. 264:19259-19265(1989)

NCBI AND UNIPROT INFORMATION

NCBI GI #	401071

UniProt Accession #	P01484
Molecular Weight	23.3 kDa
NCBI Official Full Name	Alpha-mammal toxin AaH2
UniProt Protein Name	Alpha-mammal toxin AaH2
UniProt Gene Name	**AaHII**
UniProt Synonym Gene Names	AaHII
UniProt Entry Name	SCX2_ANDAU

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.

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Online datasheet: https://stage.aaabiotech.com/aahii-recombinant-protein-e-coli-or-yeast-or-baculovirus-or-mammalian-cell/114404