Fasciculin-2 Recombinant Protein | Fas-2 recombinant protein

Recombinant Dendroaspis angusticeps Fasciculin-2

CATALOG #	HOST
AAA115053	**E Coli or Yeast or Baculovirus or Mammalian Cell**

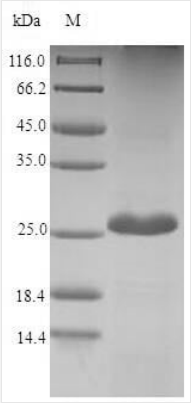
PRODUCT SYNONYMS

Fasciculin-2; Recombinant Dendroaspis angusticeps Fasciculin-2; Fas-2; Fas2; Acetylcholinesterase toxin F-VII; Fasciculin-II; FAS-II; Toxin TA1; Fas-2 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	1-61aa; Full Length
Sequence	TMCYSHTTTS RAILTNCGEN SCYRKSRRHP PKMVLGRGCG CPPGDDNLEV KCCTSPDKCN Y
Sequence Length	61
Species	Dendroaspis angusticeps (Eastern green mamba)
Preparation and Storage	Store at -20 degrees C. For long-term storage, store at -20 degrees C or -80 degrees C. Store working aliquots at 4 degrees C for up to one week. Repeated freezing and thawing is not recommended.

IMAGES



SDS-PAGE

ADDITIONAL INFORMATION

Related Product Information for Fas-2 recombinant protein	Interferes with neuromuscular transmission by inhibiting the enzyme acetylcholinesterase (AChE) present at the neuromuscular junction. It selectively binds and inhibits with a 1:1 stoichiometry the mammalian and electric fish AChE at picomolar concentrations. It is highly specific for the peripheral site of AChE and blocks the entry of acetylcholine into the active site of the enzyme (through the Met-33 residue), thereby preventing its breakdown. It has been called fasciculin since after injection into mice it causes severe, generalized and long-lasting (5-7 hours) fasciculations.

NCBI AND UNIPROT INFORMATION

NCBI GI #	116256103
UniProt Accession #	P0C1Z0; P01403
Molecular Weight	22.8 kDa
NCBI Official Full Name	Fasciculin-2
UniProt Protein Name	Fasciculin-2
UniProt Gene Name	**Fas-2**
UniProt Synonym Gene Names	Fas2; FAS-II
UniProt Entry Name	TXFA2_DENAN

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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: https://www.aaabiotech.com/fas-2-recombinant-protein-e-coli/115053