

Kappa-theraphotoxin-Hm1a Recombinant Protein | Kappa-TRTX-Hm1a recombinant protein

Recombinant Heteroscodra maculata Kappa-theraphotoxin-Hm1a

CATALOG # AAA115496	HOST E Coli or Yeast or Baculovirus or Mammalian Cell
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PRODUCT SYNONYMS

Kappa-theraphotoxin-Hm1a; Recombinant Heteroscodra maculata Kappa-theraphotoxin-Hm1a; Kappa-TRTX-Hm1a 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	1-35aa; Full Length
Sequence	ECRYLFGGCS STSDCCKHLS CRSDWKYCAW DGTFS
Species	Heteroscodra maculata (Togo starburst tarantula) (Togo starburst baboon spider)
Preparation and Storage	Store at -20 degree C. For extended storage, store at -20 or -80 degree C.

IMAGES



SDS-PAGE

ADDITIONAL INFORMATION

Related Product Information for Kappa-TRTX-Hm1a recombinant protein

Plays a key role in the activation of the host resting B-cell and stimulation of B-cell proliferation. Acts by up-regulating the expression of viral EBNA1-6, LMP1, LMP2A and LMP2B genes, as well as several host genes including CD21, CD23 and MYC. Activates transcription by acting as an adapter molecule that binds to cellular sequence-specific DNA-binding proteins such as host CBF1, SMARCB1 and SPI1. Once EBNA2 is near promoter sites, its acidic activating domain recruits basal and activation-associated transcription factors TFIIB, TAF40, TFIIF components ERCC2 and ERCC3, and CBP in order to promote transcription. Alternatively, EBNA2 can affect activities of cell cycle regulators and retard cell cycle progression at G2/M phase. It also induces chromosomal instability, by disrupting mitotic checkpoints, multi-nucleation and formation of micronuclei in infected cells (By similarity).

NCBI AND UNIPROT INFORMATION

NCBI GI #	46577143
UniProt Accession #	P60992
Molecular Weight	24 kDa
NCBI Official Full Name	Kappa-theraphotoxin-Hm1a
UniProt Protein Name	Kappa-theraphotoxin-Hm1a

UniProt Gene Name	Kappa-TRTX-Hm1a
UniProt Synonym Gene Names	Kappa-TRTX-Hm1a
UniProt Entry Name	TX1_HETMC

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/kappa-trtx-hm1a-recombinant-protein-e-coli-or-yeast-or-baculovirus-or-mammalian-cell/115496>