Amatoxin (AMA1) Amanita Bisporigera Recombinant Protein

PRODUCT OVERVIEW

Product Name	Amatoxin (AMA1), Recombinant Protein
Full Product Name	Recombinant Amanita bisporigera Amatoxin (AMA1)
Product Gene Name	AMA1 recombinant protein
Product Synonym Gene Name	AMA1
Product Synonym Names	Recombinant Amatoxin (AMA1); Amatoxin; Alpha-amanitin Gamma-amanitin
Sequence	IWGIGCNP
Host	E Coli or Yeast or Baculovirus or Mammalian Cell
Form/Format	Lyophilized or liquid (Format to be determined during the manufacturing process)
Purity/Purification	Greater or equal to 85% purity as determined by SDS-PAGE. (lot specific)
Preparation and Storage	Store at -20 degree C. For extended storage, store at -20 or -80 degree C.
Molecular Weight	3,706 Da
Sequence Positions	11-18aa; Cytoplasmic domain
Tag Information	This protein contains an N-terminal tag and may also contain a C-terminal tag. Tag types are determined by various factors including tag-protein stability, please inquire for tag information.
Sterility	Sterile filter available upon request.
Endotoxin	Low endotoxin available upon request.
3D Structure	ModBase 3D Structure for A8W7M4
Species	Amanita bisporigera (Destroying angel)
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for AMA1 recombinant protein	MBS1258382 is a recombinant protein targeting AMA1. Also known as Recombinant Amanita bisporigera Amatoxin (AMA1). Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of AMA1 recombinant protein vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for AMA1. It may not necessarily be applicable to this product.

UniProt Primary Accession #	A8W7M4
UniProt Protein Name	Amatoxin
UniProt Synonym Protein Names	Alpha-amanitin; Gamma-amanitin
Protein Family	Amatoxin
UniProt Gene Name	AMA1
UniProt Entry Name	AMATX_AMABI

UniProt Comments for AMA1	Function: Major toxin from Amanita phalloideae. Acts by binding non-competitively to RNA polymerase II and greatly slowing the elongation of transcripts from target promoters. Caution: This peptide is cyclic.
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