Vicilin-Like Antimicrobial Peptides 2-3 (AMP2-3), Partial (AMP2-3) Macadamia Integrifolia Recombinant Protein

PRODUCT OVERVIEW

Product Name	Vicilin-like antimicrobial peptides 2-3 (AMP2-3), partial, Recombinant Protein
Full Product Name	Recombinant Macadamia integrifolia Vicilin-like antimicrobial peptides 2-3 (AMP2-3), partial
Product Gene Name	AMP2-3 recombinant protein
Product Synonym Names	Vicilin-like antimicrobial peptides 2-3; MiAMP2Cleaved into the following 6 chains:; 1. Antimicrobial peptide 2a; MiAMP2a; Antimicrobial peptide 2b; MiAMP2b; Antimicrobial peptide 2c-1; MiAMP2c-1; Antimicrobial peptide 2c-2; MiAMP2c-2; Antimicrobial pepti
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 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.
Molecular Weight	73,587 Da
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 Q9SPL3
Species	Macadamia integrifolia (Macadamia nut)
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for AMP2-3 recombinant protein	MBS1335794 is a recombinant protein targeting AMP2-3. Also known as Recombinant Macadamia integrifolia Vicilin-like antimicrobial peptides 2-3 (AMP2-3), partial. Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of AMP2-3 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 AMP2-3. It may not necessarily be applicable to this product.

NCBI GI #	75207035
NCBI Accession #	Q9SPL3.1
UniProt Primary Accession #	Q9SPL3
NCBI Official Full Name	Vicilin-like antimicrobial peptides 2-3
UniProt Protein Name	Vicilin-like antimicrobial peptides 2-3
UniProt Synonym Protein Names	MiAMP2Cleaved into the following 6 chains:Antimicrobial peptide 2aAlternative name(s):MiAMP2a
Protein Family	Vicilin-like antimicrobial peptides

UniProt Gene Name	AMP2-3
UniProt Entry Name	AMP23_MACIN
UniProt Comments for AMP2-3	Antimicrobial peptides 2b, 2c and 2d have antibacterial and antifungal activity against a range of species.
Precautions	All of MyBioSource's Products are for scientific laboratory research purposes and are not for diagnostic, therapeutics, prophylactic or in vivo use. Through your purchase, you expressly represent and warrant to MyBioSource that you will properly test and use any Products purchased from MyBioSource in accordance with industry standards. MyBioSource and its authorized distributors reserve the right to refuse to process any order where we reasonably believe that the intended use will fall outside of our acceptable guidelines.
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