Antimicrobial Peptide 2 (AMP2) Mirabilis Jalapa Recombinant Protein

PRODUCT OVERVIEW

Product Name	Antimicrobial peptide 2 (AMP2), Recombinant Protein
Full Product Name	Recombinant Mirabilis jalapa Antimicrobial peptide 2 (AMP2)
Product Gene Name	AMP2 recombinant protein
Sequence	CIGNGGRCNE NVGPPYCCSG FCLRQPNQGY GVCRNR
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	6,842 Da
Sequence Positions	28-63, Full length protein
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 P25404
Species	Mirabilis jalapa (Garden four-o'clock)
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for AMP2 recombinant protein	MBS1093080 is a recombinant protein targeting AMP2. Also known as Recombinant Mirabilis jalapa Antimicrobial peptide 2 (AMP2). Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of AMP2 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. It may not necessarily be applicable to this product.

NCBI GI #	1703274
NCBI Accession #	P25404.2
UniProt Primary Accession #	P25404
NCBI Official Full Name	Antimicrobial peptide 2
UniProt Protein Name	Antimicrobial peptide 2
UniProt Synonym Protein Names	MJ-AMP2; AMP2
UniProt Gene Name	AMP2
UniProt Synonym Gene Names	AMP2

UniProt Comments for AMP2	Possesses antifungal activity and is also active on two tested Gram-positive bacteria but is non-toxic for Gram-negative bacteria and cultured human cells.
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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