Metalnikowin-3 Palomena Prasina Recombinant Protein

PRODUCT OVERVIEW

Product Name	Metalnikowin-3, Recombinant Protein
Full Product Name	Recombinant Palomena prasina Metalnikowin-3
Product Synonym Names	Recombinant Metalnikowin-3; Metalnikowin-3; Metalnikowin III
Sequence	VDKPDYRPRP WPRPNM
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	2,024 Da
Sequence Positions	1-16aa; 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 P80411
Species	Palomena prasina (Green shield bug) (Cimex prasinus)
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for Metalnikowin-3 recombinant protein	MBS1125234 is a recombinant protein targeting Metalnikowin-3. Also known as Recombinant Palomena prasina Metalnikowin-3. Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of Metalnikowin-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 Metalnikowin-3. It may not necessarily be applicable to this product.

NCBI GI #	1170962
NCBI Accession #	P80411.1
UniProt Primary Accession #	P80411
NCBI Official Full Name	Metalnikowin-3
UniProt Protein Name	Metalnikowin-3
UniProt Synonym Protein Names	Metalnikowin III
Protein Family	Metalnikowin
UniProt Entry Name	MK3_PALPR

UniProt Comments for Metalnikowin-3	Function: Antibacterial peptide active against Gram-negative bacteria. Ref.1 Induction: By bacterial infection. Ref.1 Mass spectrometry: Molecular mass is 2024.5±0.3 Da from positions 1 - 16. Determined by ESI. Ref.1
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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Online datasheet: https://www.mybiosource.com/recombinant-protein/metalnikowin-3/1125234