Mastoparan-M Vespa Mandarinia Recombinant Protein

PRODUCT OVERVIEW

Product Name	Mastoparan-M, Recombinant Protein
Full Product Name	Recombinant Vespa mandarinia Mastoparan-M
Product Synonym Names	Recombinant Mastoparan-M; Mastoparan-M; Mast cell-degranulating peptide
Sequence	INLKAIAALA KKLL
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	1,480 Da
Sequence Positions	1-14aa; 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 P04205
Species	Vespa mandarinia (Asian giant hornet)
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for Mastoparan-M recombinant protein	MBS1261557 is a recombinant protein targeting Mastoparan-M. Also known as Recombinant Vespa mandarinia Mastoparan-M. Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of Mastoparan-M 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 Mastoparan-M. It may not necessarily be applicable to this product.

NCBI GI #	126762
NCBI Accession #	P04205.1
UniProt Primary Accession #	P04205
NCBI Official Full Name	Mastoparan-M
UniProt Protein Name	Mastoparan-M
UniProt Synonym Protein Names	Mast cell-degranulating peptide
Protein Family	Mastoparan
UniProt Entry Name	MAST_VESMA

UniProt Comments for Mastoparan-M	Function: Mast cell degranulating peptide. Activates G proteins that couple to phospholipase C. Subcellular location: Secreted. Tissue specificity: Expressed by the venom gland. Sequence similarities: Belongs to the MCD family. Mastoparan subfamily.
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/mastoparan-m/1261557