Vespulakinin-1 Vespula Maculifrons Recombinant Protein

PRODUCT OVERVIEW

Product Name	Vespulakinin-1, Recombinant Protein
Full Product Name	Recombinant Vespula maculifrons Vespulakinin-1
Product Synonym Names	Recombinant Vespulakinin-1; Vespulakinin-1 Cleaved into the following chain: 1. Vespulakinin-2
Sequence	TATTRRRGRP PGFSPFR
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	1,960 Da
Sequence Positions	1-17aa; 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 P57672
Species	Vespula maculifrons (Eastern yellow jacket) (Wasp)
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for Vespulakinin-1 recombinant protein	MBS1047716 is a recombinant protein targeting Vespulakinin-1. Also known as Recombinant Vespula maculifrons Vespulakinin-1. Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of Vespulakinin-1 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 Vespulakinin-1. It may not necessarily be applicable to this product.

NCBI GI #	11387179
NCBI Accession #	P57672.1
UniProt Primary Accession #	P57672
NCBI Official Full Name	Vespulakinin-1
UniProt Protein Name	Vespulakinin-1
Protein Family	Vespulakinin
UniProt Entry Name	VESP_VESMC

UniProt Comments for Vespulakinin-1	Function: Induces smooth muscle contraction. May target bradykinin receptors (BDKRB). Subcellular location: Secreted. Tissue specificity: Expressed by the venom gland. Sequence similarities: Belongs to the bradykinin family.
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