Penaeidin-3i (PEN-3i) Litopenaeus Vannamei Recombinant Protein

PRODUCT OVERVIEW

Product Name	Penaeidin-3i (Pen-3i), Recombinant Protein
Full Product Name	Recombinant Litopenaeus vannamei Penaeidin-3i
Product Gene Name	Pen-3i recombinant protein
Sequence	QVYKGGYTRP IPRPPPFVRP LPGGPIGPYN GRPVSCRGIS FSQARSCCSR LGRCCHVGKG YS
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	8,801 Da
Sequence Positions	20-81, 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 Q963C5
Species	Litopenaeus vannamei (Whiteleg shrimp) (Penaeus vannamei)
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for Pen-3i recombinant protein	MBS1414370 is a recombinant protein targeting Pen-3i. Also known as Recombinant Litopenaeus vannamei Penaeidin-3i. Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of Pen-3i 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 Pen-3i. It may not necessarily be applicable to this product.

NCBI GI #	25090985
NCBI Accession #	Q963C5.1
UniProt Primary Accession #	Q963C5
NCBI Official Full Name	Penaeidin-3i
UniProt Protein Name	Penaeidin-3i
Protein Family	Penaeidin
UniProt Gene Name	Pen-3i
UniProt Synonym Gene Names	Pen-3i

UniProt Comments for Pen-3i	Antibacterial and antifungal activity. Presents chitin-binding activity ().
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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