Pyrokinin Schistocerca Gregaria Recombinant Protein

PRODUCT OVERVIEW

Product Name	Pyrokinin, Recombinant Protein
Full Product Name	Recombinant Schistocerca gregaria Pyrokinin
Product Synonym Names	Recombinant Pyrokinin; Pyrokinin; Capa-Pk Scg-PVK-3
Sequence	DGAETPGAAA SLWFGPRV
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	1,802 Da
Sequence Positions	1-18aa; 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 P85864
Species	Schistocerca gregaria (Desert locust)
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for Pyrokinin recombinant protein	MBS1067702 is a recombinant protein targeting Pyrokinin. Also known as Recombinant Schistocerca gregaria Pyrokinin. Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of Pyrokinin 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 Pyrokinin. It may not necessarily be applicable to this product.

NCBI GI #	193806392
NCBI Accession #	P85864.1
UniProt Primary Accession #	P85864
NCBI Official Full Name	Pyrokinin
UniProt Protein Name	Pyrokinin
UniProt Synonym Protein Names	Capa-Pk; Scg-PVK-3
Protein Family	Pyrokinin
UniProt Entry Name	PPK_SCHGR

UniProt Comments for Pyrokinin	Function: Myoactive By similarity. UniProtKB P84667 Subcellular location: Secreted. Tissue specificity: Found in the abdominal ganglia and perisympathetic organs. Not detected in the thoracic ganglia, subesophageal ganglion, corpora cardiaca, corpora allata, hypocerebral ganglion or frontal ganglion. Ref.1 Sequence similarities: Belongs to the pyrokinin family. Mass spectrometry: Molecular mass is 1800.1 Da from positions 1 - 18. Determined by MALDI. 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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