Pyrokinin-5 (APTFU-PK-5) Aptera Fusca Recombinant Protein

PRODUCT OVERVIEW

Product Name	Pyrokinin-5 (Aptfu-PK-5), Recombinant Protein
Full Product Name	Recombinant Aptera fusca Pyrokinin-5
Product Gene Name	Aptfu-PK-5 recombinant protein
Product Synonym Names	Recombinant Pyrokinin-5; Pyrokinin-5; Aptfu-PK-5; AptFu-Capa-PK FXPRL-amide
Sequence	SGDTSSQAKG MWFGPRL
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	1,825 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 P84666
Species	Aptera fusca (Cape Mountain cockroach) (Giant Table Mountain cockroach)
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for Aptfu-PK-5 recombinant protein	MBS1038181 is a recombinant protein targeting Aptfu-PK-5. Also known as Recombinant Aptera fusca Pyrokinin-5. Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of Aptfu-PK-5 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 Aptfu-PK-5. It may not necessarily be applicable to this product.

NCBI GI #	78099112
NCBI Accession #	P84666.1
UniProt Primary Accession #	P84666
NCBI Official Full Name	Pyrokinin-5
UniProt Protein Name	Pyrokinin-5
UniProt Synonym Protein Names	AptFu-Capa-PK; FXPRL-amide
Protein Family	Pyrokinin

UniProt Gene Name	Aptfu-PK-5
UniProt Synonym Gene Names	Aptfu-PK-5
UniProt Entry Name	PPK5_APTFU
UniProt Comments for Aptfu-PK-5	Function: Myoactive By similarity. UniProtKB P84594 Subcellular location: Secreted. Tissue specificity: Expressed in abdominal perisympathetic organs and abdominal ganglia. Ref.1 Ref.2 Sequence similarities: Belongs to the pyrokinin family. Mass spectrometry: Molecular mass is 1823.9 Da from positions 1 - 17. Determined by MALDI. With amidation. Ref.2
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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