Locustatachykinin-1 (TK-I) Locusta Migratoria Recombinant Protein

PRODUCT OVERVIEW

Product Name	Locustatachykinin-1 (TK-I), Recombinant Protein
Full Product Name	Recombinant Locusta migratoria Locustatachykinin-1
Product Gene Name	TK-I recombinant protein
Product Synonym Names	Recombinant Locustatachykinin-1; Locustatachykinin-1; Locustatachykinin I; TK-I
Sequence	GPSGFYGVR
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	939 Da
Sequence Positions	1-9aa; 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 P16223
Species	Locusta migratoria (Migratory locust)
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for TK-I recombinant protein	MBS1118704 is a recombinant protein targeting TK-I. Also known as Recombinant Locusta migratoria Locustatachykinin-1. Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of TK-I 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 TK-I. It may not necessarily be applicable to this product.

NCBI GI #	135868
NCBI Accession #	P16223.1
UniProt Primary Accession #	P16223
NCBI Official Full Name	Locustatachykinin-1
UniProt Protein Name	Locustatachykinin-1
UniProt Synonym Protein Names	Locustatachykinin I
Protein Family	Locustatachykinin
UniProt Gene Name	TK-I

UniProt Synonym Gene Names	TK-I
UniProt Entry Name	TKL1_LOCMI
UniProt Comments for TK-I	Function: Myoactive peptide. Stimulates the contraction of the oviduct and foregut. Subcellular location: Secreted.
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/locustatachykinin-1/1118704