Brevinin-2ptb Rana Picturata Recombinant Protein

PRODUCT OVERVIEW

Product Name	Brevinin-2PTb, Recombinant Protein
Full Product Name	Recombinant Rana picturata Brevinin-2PTb
Product Synonym Names	Recombinant Brevinin-2PTb; Brevinin-2PTb
Sequence	GFKGAFKNVM FGIAKSAGKS ALNALACKID KSC
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	3,377 Da
Sequence Positions	1-33aa; 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 P0C8T4
Species	Rana picturata (Malaysian fire frog) (Hylarana picturata)
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for Brevinin-2PTb recombinant protein	MBS1204141 is a recombinant protein targeting Brevinin-2PTb. Also known as Recombinant Rana picturata Brevinin-2PTb. Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of Brevinin-2PTb 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 Brevinin-2PTb. It may not necessarily be applicable to this product.

NCBI GI #	224487677
NCBI Accession #	P0C8T4.1
UniProt Primary Accession #	P0C8T4
NCBI Official Full Name	Brevinin-2PTb
UniProt Protein Name	Brevinin-2PTb
Protein Family	Brevinin
UniProt Entry Name	BR2PB_RANPC

UniProt Comments for Brevinin-2PTb	Function: Has antibacterial activity against the Gram-positive bacterium S.aureus 25923 (MIC=9uM) and the Gram-negative bacterium E.coli 25726 (MIC=9uM). Ref.1 Subcellular location: Secreted. Tissue specificity: Expressed by the skin glands. Sequence similarities: Belongs to the frog skin active peptide (FSAP) family. Brevinin subfamily. Mass spectrometry: Molecular mass is 3372.9 Da from positions 1 - 33. 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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