Aurein-3.1 Litoria Aurea Recombinant Protein

PRODUCT OVERVIEW

Product Name	Aurein-3.1, Recombinant Protein
Full Product Name	Recombinant Litoria aurea Aurein-3.1
Product Synonym Names	Recombinant Aurein-3.1; Aurein-3.1 Cleaved into the following 2 chains: 1. Aurein-3.1.1 2. Aurein-3.1.2
Sequence	GLFDIVKKIA GHIAGSI
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	1,739 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 P69021
Species	Litoria aurea (Green and golden bell frog)
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for Aurein-3.1 recombinant protein	MBS1093969 is a recombinant protein targeting Aurein-3.1. Also known as Recombinant Litoria aurea Aurein-3.1. Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of Aurein-3.1 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 Aurein-3.1. It may not necessarily be applicable to this product.

NCBI GI #	68053341
NCBI Accession #	P69021.1
UniProt Primary Accession #	P69021
UniProt Secondary Accession #	P82394
NCBI Official Full Name	Aurein-3.1
UniProt Protein Name	Aurein-3.1
Protein Family	Aurein
UniProt Entry Name	AUR31_LITAU

UniProt Comments for Aurein-3.1	Function: Has antimicrobial activity against L.lactis, L.innocua, M.luteus, S.aureus, S.epidermidis and S.uberis. Probably acts by disturbing membrane functions with its amphipathic structure. Shows anticancer activity. Ref.1 Subcellular location: Secreted. Tissue specificity: Expressed by the skin dorsal glands.
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Online datasheet: https://www.mybiosource.com/recombinant-protein/aurein-3-1/1093969