Gaegurin-3 (GGN3) Glandirana Rugosa Recombinant Protein

PRODUCT OVERVIEW

Product Name	Gaegurin-3 (GGN3), Recombinant Protein
Full Product Name	Recombinant Glandirana rugosa Gaegurin-3 (GGN3)
Product Gene Name	GGN3 recombinant protein
Product Synonym Gene Name	GGN3
Product Synonym Names	Recombinant Gaegurin-3 (GGN3); Gaegurin-3
Sequence	GIMSIVKDVA KTAAKEAAKG ALSTLSCKLA KTC
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	3,309 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 P80397
Species	Glandirana rugosa (Japanese wrinkled frog) (Rana rugosa)
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for GGN3 recombinant protein	MBS1245798 is a recombinant protein targeting GGN3. Also known as Recombinant Glandirana rugosa Gaegurin-3 (GGN3). Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of GGN3 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 GGN3. It may not necessarily be applicable to this product.

NCBI GI #	1169815
NCBI Accession #	P80397.1
UniProt Primary Accession #	P80397
NCBI Official Full Name	Gaegurin-3
UniProt Protein Name	Gaegurin-3
Protein Family	Gaegurin
UniProt Gene Name	GGN3

UniProt Entry Name	GGN3_GLARU
UniProt Comments for GGN3	Function: Has a non-hemolytic activity. Has a broad spectrum of activity against both Gram-positive and Gram-negative bacteria, fungi and protozoa. Subunit structure: Monomer. Subcellular location: Secreted. Tissue specificity: Expressed by the skin glands. Sequence similarities: Belongs to the frog skin active peptide (FSAP) family. Brevinin subfamily.
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