Gallinacin-3 (GAL3) Chicken Recombinant Protein

PRODUCT OVERVIEW

Product Name	Gallinacin-3 (GAL3), Recombinant Protein
Full Product Name	Recombinant Chicken Gallinacin-3 (GAL3)
Product Gene Name	GAL3 recombinant protein
Product Synonym Gene Name	GAL3
Sequence	TQCRIRGGFC RVGSCRFPHI AIGKCATFIS CCGRAYEVDA LNSVRTSPWL LAPGNNPH
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 degrees C. For long-term storage, store at -20 degrees C or -80 degrees C. Store working aliquots at 4 degrees C for up to one week. Repeated freezing and thawing is not recommended.
Molecular Weight	8,746 Da
Sequence Positions	23-80, Full length protein
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 Q9DG58
Species	Chicken
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for GAL3 recombinant protein	MBS1318288 is a recombinant protein targeting GAL3. Also known as Recombinant Chicken Gallinacin-3 (GAL3). Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of GAL3 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 GAL3. It may not necessarily be applicable to this product.

NCBI GI #	45382831
NCBI GeneID	395363
NCBI Accession #	NP_989981.1
UniProt Primary Accession #	Q9DG58
UniProt Secondary Accession #	Q0PWH2; Q6GXJ2
UniProt Related Accession #	Q9DG58
GenBank Nucleotide #	NM_204650.2

NCBI Official Full Name	gallinacin-3
NCBI Official Synonym Full Names	avian beta-defensin 3
NCBI Official Symbol	AvBD3
NCBI Official Synonym Symbols	GAL3; DEFB1; GAL 3; gal-3
UniProt Protein Name	Gallinacin-3
UniProt Synonym Protein Names	Beta-defensin 3
UniProt Gene Name	GAL3
UniProt Synonym Gene Names	Gal-3
NCBI Protein Information	gallinacin-3
UniProt Comments for GAL3	Has bactericidal activity.
Research Articles on GAL3	**1.** Data suggest that DEFB1 and DEFB3 are involved in mechanisms by which the vaginal mucosa forms a more efficient defense system against bacterial infection; proinflammatory cytokines induce DEFB1 and DEFB3 in vagina mucosa cells.
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