Galectin-Related Protein (LGALSL) Chicken Recombinant Protein

PRODUCT OVERVIEW

Product Name	Galectin-related protein (LGALSL), Recombinant Protein
Full Product Name	Recombinant Chicken Galectin-related protein (LGALSL)
Product Gene Name	LGALSL recombinant protein
Product Synonym Gene Name	LGALSL
Sequence	MAGTVAERDA PKIEDGHLNN SLGSPVQADV YFPRLIVPFC GHIKGGMRPG KKILVMGIVD LNPESFGISL TCGESEDPPA DVAIELKAVF TDRQFIRNSC VAGEWGEEQS SIPYFPFIPD QPFRVEILCE HPRFRIFVDG HQLFDFYHRI ETLSAIDTIK INGDLQLTKL G
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	19,045 Da
Sequence Positions	1-171, 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 Q5ZHQ2
Species	Chicken
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for LGALSL recombinant protein	This gene encodes a member of the bombesin-like family of gastrin-releasing peptides. Its preproprotein, following cleavage of a signal peptide, is further processed to produce either the 27 aa gastrin-releasing peptide or the 10 aa neuromedin C. These smaller peptides regulate numerous functions of the gastrointestinal and central nervous systems, including release of gastrointestinal hormones, smooth muscle cell contraction, and epithelial cell proliferation. These peptides are also likely to play a role in human cancers of the lung, colon, stomach, pancreas, breast, and prostate. Alternative splicing results in multiple transcript variants encoding different isoforms.
Other Notes	Small volumes of LGALSL 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.
Searchable Terms for LGALSL purchase	MBS1396327 is a recombinant protein targeting LGALSL. Also known as Recombinant Chicken Galectin-related protein (LGALSL). Host: E Coli or Yeast or Baculovirus or Mammalian Cell.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for LGALSL. It may not necessarily be applicable to this product.

NCBI GI #	56605912

NCBI GeneID	421278
NCBI Accession #	NP_001008456.1
UniProt Primary Accession #	Q5ZHQ2
UniProt Related Accession #	Q5ZHQ2
GenBank Nucleotide #	NM_001008456.1
NCBI Official Full Name	galectin-related protein
NCBI Official Synonym Full Names	galectin like
NCBI Official Symbol	LGALSL
NCBI Official Synonym Symbols	GRP; HSPC159
UniProt Protein Name	Galectin-related protein
UniProt Synonym Protein Names	Lectin galactoside-binding-like protein
Protein Family	Galectin-related protein
UniProt Gene Name	LGALSL
UniProt Synonym Gene Names	GRP
NCBI Protein Information	galectin-related protein
UniProt Comments for LGALSL	Does not bind lactose, and may not bind carbohydrates.
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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Product Note	Select online data sheet information is drawn from bioinformatics databases, occasionally resulting in ambiguous or non-relevant product information. It is the responsibility of the customer to review, verify, and evaluate the information to make sure it matches their requirements before purchasing the kit. Our ELISA Kit assays are dynamic research tools and sometimes they may be updated and improved. If the format of this assay is important to you then please request the current manual or contact our technical support team with a presales inquiry before placing an order. We will confirm the current details of the assay. We cannot guarantee the sample manual posted online is the most current manual, it is intended to serve as an example only. Please refer to the instructions For Use provided with the assay kit for precise details.

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