Galectin-2 (LGALS2) Pig Recombinant Protein

PRODUCT OVERVIEW

Product Name	Galectin-2 (LGALS2), Recombinant Protein
Full Product Name	Recombinant Pig Galectin-2 (LGALS2)
Product Gene Name	LGALS2 recombinant protein
Product Synonym Gene Name	LGALS2
Sequence	MSGKVEIMNM DMKVGKTLKI KGKXDDDADG FXINLGQGTD KLALHFXPRF GESTIVCNXR DGNXWGKEQR DSHMXFXPGS EVKLIVTFEE DGFKVKLPDG HQLTFPNRLG YSHLRYLSVQ GGF
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	13,800 Da
Sequence Positions	1-123, 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 Q29373
Species	Sus scrofa (Pig)
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for LGALS2 recombinant protein	This protein is a soluble beta-galactoside binding lectin. The encoded protein is found as a homodimer and can bind to lymphotoxin-alpha. A single nucleotide polymorphism in an intron of this gene can alter the transcriptional level of the protein, with a resultant increased risk of myocardial infarction.
Other Notes	Small volumes of LGALS2 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 LGALS2 purchase	MBS1282062 is a recombinant protein targeting LGALS2. Also known as Recombinant Pig Galectin-2 (LGALS2). Host: E Coli or Yeast or Baculovirus or Mammalian Cell.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for LGALS2. It may not necessarily be applicable to this product.

NCBI GI #	2833360
NCBI Accession #	Q29373.1
UniProt Primary Accession #	Q29373
NCBI Official Full Name	Galectin-2

UniProt Protein Name	Galectin-2
UniProt Gene Name	LGALS2
UniProt Synonym Gene Names	Gal-2
UniProt Comments for LGALS2	This protein binds beta-galactoside. Its physiological function is not yet known ().
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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