

Datasheet for ABIN6387705

Galectin 2 Protein (AA 1-130) (His tag)[Go to Product page](#)**1** Image

Overview

Quantity:	100 µg
Target:	Galectin 2 (LGALS2)
Protein Characteristics:	AA 1-130
Origin:	Mouse
Source:	Escherichia coli (E. coli)
Protein Type:	Recombinant
Biological Activity:	Active
Purification tag / Conjugate:	This Galectin 2 protein is labelled with His tag.
Application:	SDS-PAGE (SDS)

Product Details

Sequence:	MGSSHHHHHH SSGLVPRGSH MGSMSEKFEV KDLNMKPGMS LKIKGKIHND VDRFLINLGQ GKETLNLHFN PRFDESTIVC NTSEGGRWGQ EQRENHMCFS PGSEVKITIT FQDKDFKVTL PDGHLTLFPN RLGHNLQHYL SMGGLQISSF KLE
Purity:	> 95 % by SDS - PAGE
Biological Activity Comment:	The ED50 for this effect is equal or higher than 20 ug/ml. Measured by its ability to agglutinate human red blood cells.

Target Details

Target:	Galectin 2 (LGALS2)
Alternative Name:	Lgals2 (LGALS2 Products)

Target Details

Background: Galectin 2, also known as Lgals2, belongs to the galectins family. Galectins are a family of soluble beta-galactoside-binding animal lectins that modulate cell-to-cell adhesion and cell-to-extracellular matrix (ECM) interactions and play a role in tumor progression, pre-mRNA splicing and apoptosis. Lgals2 is a monomeric or homodimeric prototype galectin that is expressed in hepatoma, stomach epithelial cells and in colorectal and neural tumors. It induces apoptosis in activated T cells and binds to the cytokine lymphotoxin-a (LTA) with possible implications in risk of myocardial infarction. Human and mouse Lgals2 share approximately 65 % amino acid sequence similarity. Recombinant Mouse Lgals2 protein, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography techniques.

Molecular Weight: 17.3 kDa (153aa), confirmed by MALDI-TOF

NCBI Accession: [NP_079898](#)

UniProt: [Q9CQW5](#)

Application Details

Application Notes: Optimal working dilution should be determined by the investigator.

Comment: Bioactivity Validated

Restrictions: For Research Use only

Handling

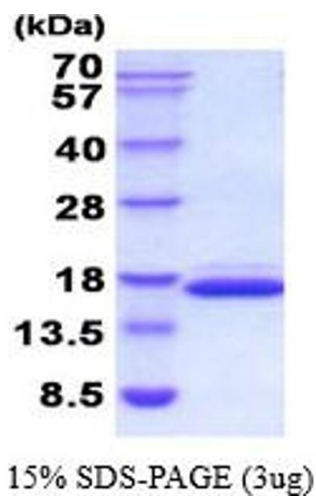
Format: Liquid

Concentration: 1 mg/mL

Buffer: Liquid. In 20 mM Tris-HCl buffer (pH 8.0) containing 0.1M NaCl, 10 % glycerol, 1 mM DTT

Storage: 4 °C, -20 °C, -80 °C

Storage Comment: Can be stored at +4C short term (1-2 weeks). For long term storage, aliquot and store at -20C or -70C. Avoid repeated freezing and thawing cycles.



SDS-PAGE
Image 1.