

Galectin-2, mouse recombinant
Lgals2, 2200008F12Rik, AI324147, Gal-2
Catalog # PBV11526r

Specification

Galectin-2, mouse recombinant - Product info

Primary Accession [O9CQW5](#)
Calculated MW **17.3 kDa KDa**

Galectin-2, mouse recombinant - Additional Info

Other Names

Lgals2, 2200008F12Rik, AI324147

Gene Source	Mouse
Source	E. coli
Assay&Purity	SDS-PAGE;> 95%
Recombinant	Yes
Sequence	MGSSHHHHHH SSGLVPRGSH MGSMSEKFEV KDLNMKPGMS LKIKGKIHND VDRFLINLGQ GKETLNLHFN PRFDESTIVC NTSEGGRWGQ EQRENHMCFS PGSEVKITIT FQDKDFKVTL PDGHQLTFPN RLGHNQLHYL SMGGLQISSF KLE

Target/Specificity

Lgals2

Format

Liquid

Storage

-20°C;In 20 mM Tris-HCl buffer (pH 8.0) containing 0.1M NaCl, 10% glycerol, 1mM DTT

Galectin-2, mouse recombinant - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

Galectin-2, mouse recombinant - Images

Galectin-2, mouse recombinant - 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.