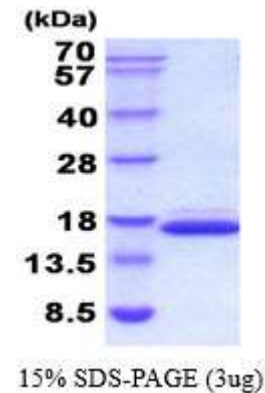


Galectin-2, mouse recombinant

CATALOG NO:	P1046-10 10 µg P1046-50 50 µg
ALTERNATE NAMES:	Lgals2, 2200008F12Rik, AI324147, Gal-2
CONCENTRATION:	1 mg/ml (determined by Bradford assay)
SOURCE:	<i>E.coli</i> expressed recombinant Galectin-2 protein, fused to His-tag at N-terminus (1-130aa).
PURITY:	> 95% by SDS-PAGE
MOL. WEIGHT:	This protein is fused with 6x His tag at N terminus and the protein has a calculated MW of 17.3 kDa (153aa).
FORM:	Liquid
FORMULATION:	In 20 mM Tris-HCl buffer (pH 8.0) containing 0.1M NaCl, 10% glycerol, 1mM DTT
STORAGE CONDITIONS:	Store at +4°C for short term (1-2 weeks). For long term storage, aliquot and store at -70°C. Avoid repeated freeze/thaw cycles.
SEQUENCE:	MGSSHHHHHH SSGLVPRGSH MGSMSEKFEV KDLNMKPGMS LKIKGKIHND VDRFLINLQG GKETLNLHFN PRFDESTIVC NTSEGGRWGQ EQRENHMCFS PGSEVKITIT FQDKDFKVTL PDGHQLTFPN RLGHNQLHYL SMGGLQISSF KLE
DESCRIPTION:	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 <i>E.coli</i> and purified by using conventional chromatography techniques.
BIOLOGICAL ACTIVITY:	The ED50 for this effect is ≤20 ug/ml. Measured by its ability to agglutinate human red blood cells.



Mouse recombinant Galectin-2

RELATED PRODUCT:

- Galectin-3, human recombinant (**Cat. No. 4684-10, -50, -1000**)
- Galectin-4, human recombinant (**Cat. No. 7364-100**)
- Galectin-7, human recombinant (**Cat. No. 4647-10, -50, -1000**)
- Galectin-9, human recombinant (**Cat. No. 7365-50**)
- Galectin-1 Antibody (**Cat. No. 3596-100**)
- Galectin-3 Antibody (**Cat. No. 3591-100**)
- Galectin-3 Antibody (**Cat. No. 5684-100**)
- Galectin-7 Antibody (**Cat. No. 5647-100**)
- Galectin-9 Antibody (**Cat. No. 3827-100**)

FOR RESEARCH USE ONLY! Not to be used on humans.