## PRODUCT INFORMATION

## Expression system

E.coli

## Domain

1-130aa

UniProt No.
Q9CQW5
NCBI Accession No.
NP_079898

## Alternative Names

Galectin 2, 2200008F12Rik, AI324147, Gal-2

## PRODUCT SPECIFICATION

## Molecular Weight

17.3 kDa (153aa) confirmed by MALDI-TOF

## Concentration

1mg/ml (determined by Bradford assay)

## Formulation

Liquid in. 20 mM Tris-HCl buffer (pH 8.0) containing $0.1 \mathrm{M} \mathrm{NaCl}, 10 \%$ glycerol,1mM DTT

## Purity

> 95\% by SDS-PAGE

## Tag

His-Tag

## Application

SDS-PAGE

## Storage Condition

Can be stored at +2 C to +8 C for 1 week. For long term storage, aliquot and store at -20C to -80C. Avoid repeated freezing and thawing cycles.

## BACKGROUND

## 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

## NKMAXBio we suppor you, we ebelike in your sesearch

Recombinant mouse Galectin-2/LGALS2 protein
Catalog Number: ATGP1907
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.

## Amino acid Sequence

MGSSHHHHHH SSGLVPRGSH MGSMSEKFEV KDLNMKPGMS LKIKGKIHND VDRFLINLGQ GKETLNLHFN PRFDESTIVC NTSEGGRWGQ EQRENHMCFS PGSEVKITIT FQDKDFKVTL PDGHQLTFPN RLGHNQLHYL SMGGLQISSF KLE

## General References

Mehrabian M., et al. (1993) Genomics. 15:412-420.
Cornillot J D., et al. (1998) Glycobiology. 8:425-432.

DATA


3ug by SDS-PAGE under reducing condition and visualized by coomassie blue stain.
$15 \%$ SDS-PAGE (3ug)

