

Recombinant mouse Galectin-9/LGALS9 protein

Catalog Number: ATGP1887

PRODUCT INFORMATION

Expression system

E.coli

Domain

1-322aa

UniProt No.

O08573

NCBI Accession No.

NP_001152773

Alternative Names

LGALS9, Lgals5, LGALS35, Galectin-9, gal-9

PRODUCT SPECIFICATION

Molecular Weight

38.9 kDa (345aa)

Concentration

0.5mg/ml (determined by Bradford assay)

Formulation

Liquid in. 20mM Tris-HCl buffer (pH 8.0) containing 0.4M urea, 10% glycerol

Purity

> 90% by SDS-PAGE

Tag

His-Tag

Application

SDS-PAGE, Denatured

Storage Condition

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

BACKGROUND

Description

LGALS9 is a member of animal lectins that have an affinity to beta-galactosides and forssman pentasaccharide. It is strongly overexpressed in Hodgkin's disease tissue and it might participate in the interaction between the H&RS cells with their surrounding cells and might thus play a role in the pathogenesis of this disease and/or its consistently associated immunodeficiency. Recombinant mouse LGALS9 protein, fused to His-tag at N-terminus, was expressed in E. coli.

Recombinant mouse Galectin-9/LGALS9 protein

Catalog Number: ATGP1887

Amino acid Sequence

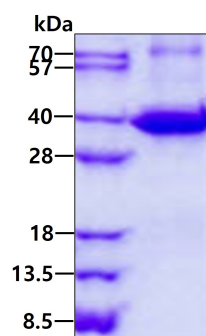
<MGSSHHHHHH SSGLVPRGSH MGS>MALFSAQ SPYINPIIPF TGPIQGGLQE GLQVTLQGTT KSFAQRFVFN
FQNSFNGNDI AFHFNPRFEE GGYVVCNTKQ NGQWGPEERK MQMPFQKGMP FELCFLVQRS EFKVMVNKKF FVQYQHRVPY
HLVDTIIVSG CLKLSFITFQ TQNFRPAHQA PMAQTTIHMV HSTPGQMFST PGIPPVVYPT PAYTIPFYTP IPNGLYPSKS
IMISGNVLPD ATRFHINLRC GGDIAFHLNP RFNENAVVRN TQINNSWGQE ERSLLGRMPF SRGQSFSVWI ICEGHCFKVA
VNGQHMCEYY HRLKNLQDIN TLEVAGDIQL THVQT

General References

Hirashima M, Kashio Y, et al. (2004). Glycoconj J. (7-9):593-600.
Muehlfeit M, et al. (2006). Biochem Biophys Res Commun. 351(2):571-6.

DATA

SDS-PAGE



3ug by SDS-PAGE under reducing condition and visualized by coomassie blue stain.