

Recombinant Mouse Lgals9, His-tagged

Cat. No. Lgals9-696M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse Lgals9(1-322aa) fused to His-tag at N-terminus, was expressed in E.coli.
Species	Mouse
Source	E.coli
ProteinLength	1-322 a.a.
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.
Form	Liquid. In 20mM Tris-HCl buffer (pH 8.0) containing 0.4M urea, 10% glycerol
Molecular Mass	38kDa (345aa)
AA Sequence	MGSSHHHHHH SSGLVPRGSH MGSMALFSAQ SPYINPIIPF TGPIQGGLQE GLQVTLQGTG KSFAQRFVFN FQNSFNGNDI AFHFNPRFEEGGYVVCNTKQ NGQWGPEERK MQMPFQKGMP FELCFLVQRS EFKVMVNKKF FVQYQHRVPY HLVDTIIVSG CLKLSFITFQ TQNFRPAHQAPMAQTTHMV HSTPGQMFS PGIPPVVYPT PAYTIPFYTP IPNGLYPSKS IMISGNVLPD ATRFHINLRC GGDIAFHLNP RFNENAVVRNTQINNSWGQE ERSLLGRMPF SRGQSFSVWI

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ICEGHCFKVA VNGQHMCEYY HRLKNLQDIN TLEVAGDIQL THVQT

Purity > 90% by SDS - PAGE

Storage 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.

Concentration 0.5 mg/ml (determined by Bradford assay)

GENE INFORMATION

Gene Name [Lgals9 lectin, galactose binding, soluble 9 \[Mus musculus \]](#)

Official Symbol Lgals9

Synonyms gal-9; Lgals5; LGALS35; AA407335; AI194909; AI265545; galectin-9; galectin-9; lectin, galactose binding, soluble 5

Gene ID [16859](#)

mRNA Refseq [NM_001159301](#)

Protein Refseq [NP_001152773](#)

UniProt ID O08573

Chromosome Location 11; 11 B5

Pathway Cytokine Signaling in Immune system, organism-specific biosystem; Immune System, organism-specific biosystem; Interleukin-2 signaling, organism-specific biosystem

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Function	carbohydrate binding; galactoside binding
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