

## LGALS9 Mouse

**Description:** LGALS9 mouse Recombinant produced E. coli is a single polypeptide chain containing 345 amino acids (1-322) and having a molecular mass of 38kDa. LGALS9 is fused to a 23 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques.

**Catalog #:** CYP5-557

**Synonyms:** Galectin-9, Gal-9, Lgals9, Lgals5, LGALS35, AA407335, AI194909, AI265545.

For research use only.

**Source:** Escherichia Coli.

**Physical Appearance:** Sterile Filtered colorless solution.

**Amino Acid Sequence:** MGSSHHHHHH SSGLVPRGSH MGSMAFSAQ SPYINPIIPF  
TGPIQGGLQE GLQVTLQGT KSFAQRVFN FQNSFNGNDI AFHFNPRFEE GGYVVCNTKQ  
NGQWGPEERK MQMPFQKGM FELCFLVQRS EFKVMVNKKF FVQYQHRVPY HLVDTIAVSG  
CLKLSFITFQ TQNRPAHQA PMAQTTHMV HSTPGQMFST PGIPVVYPT PAYTIPFYTP  
IPNGLYPSKS IM

**Purity:** Greater than 90.0% as determined by SDS-PAGE.

### Formulation:

The LGALS9 solution (0.5mg/ml) contains 20mM Tris-HCl buffer (pH 8.0), 0.4M Urea and 10% glycerol.

### Stability:

Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles.

### Usage:

NeoBiolab's products are furnished for LABORATORY RESEARCH USE ONLY. The product may not be used as drugs, agricultural or pesticidal products, food additives or household chemicals.

### Introduction:

LGLAS9 binds galactosides and has high affinity for the Forssman pentasaccharide. LGLAS9 participates in thymocyte-epithelial interactions relevant to the biology of the thymus and inhibits cell proliferation. LGLAS9 is a ligand for HAVCR2/TIM3. LGLAS9 induces T-helper type 1 lymphocyte (Th1) death. LGLAS9 performs as an eosinophil chemoattractant. LGLAS9 is an S-type lectin which is over-expressed in Hodgkin's disease tissue and takes part in the interaction between the H&RS cells with their surrounding cells.

**To place an order, please [Click HERE](#).**