

## LGALS2 Mouse

**Description:** LGALS2 mouse Recombinant produced E. coli is a single polypeptide chain containing 153 amino acids (1-130) and having a molecular mass of 17.3kDa. LGALS2 is fused to a 23 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques.

**Catalog #:** CYPs-026

For research use only.

**Synonyms:** Galectin-2, Gal-2, Lgals2, AI324147, 2200008F12Rik.

**Source:** Escherichia Coli.

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

**Amino Acid Sequence:** MGSSHHHHH SSGLVPRGSH MGSMSEKFEV KDLNMKPGMS  
LKIKGKIHNDRVDFLNILGQ GKETLNLFHN PRFDESTIVC NTSEGGRWGQ EQRENHMCFS  
PGSEVKITIT FQDKDFKVTLPDGHQLTFPN RLGHNLHLYL SMGGLQISSF KLE.

**Purity:** Greater than 95.0% as determined by SDS-PAGE.

**Formulation:**

The LGALS2 solution (1mg/ml) contains 20mM Tris-HCl buffer (pH 8.0), 0.1M NaCl, 10% glycerol and 1mM DTT.

**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:**

LGALS2 is a soluble beta-galactoside binding lectin that controls cell-to-cell adhesion and cell-to-extracellular matrix interactions and takes part in tumor progression, pre-mRNA splicing and apoptosis. LGALS2 induces apoptosis in activated T cells and binds to the cytokine lymphotoxin-alpha (LTA) with threat of myocardial infarction.

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