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32-6363: LGALS2 Mouse, Active

Application : Functional Assay
Alternative Name : Galectin-2, Gal-2, Lgals2, 2200008F12Rik, AI324147.

Description

Source: E.coli.
Sterile Filtered colorless solution.
Galectin-2 or LGALS2 is a protein, part of the galectin proteins family. The galectin proteins family holds galectin proteins family lectins that mediates adhesion between cells or cells to ECM. This family also take part in pre-mRNA splicing, apoptosis & tumor progression. Galectin-2 induces apoptosis in T cells that are activated & binds to lymphotoxin-a, also can implicatate on myocardial infarction. LGALS2 from human and mouse share about 65% amino acid sequence resemblance.
LGALS2 Mouse Recombinant produced in E.Coli is a single, non-glycosylated polypeptide chain containing 153 amino acids (1-130 a.a) 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.

Product Info

Amount :	2 µg / 10 µg
Purification :	Greater than 95% as determined by SDS-PAGE.
Content :	LGALS2 protein (1mg/ml) contains 10% glycerol, 0.1M NaCl, 1mM DTT and 20mM Tris-HCl buffer (pH 8.0).
Storage condition :	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.
Amino Acid :	MGSSHHHHHH SSGLVPRGSH MGSMSEKFEV KDLNMKPGMS LKIKGKIHND VDRFLINLGQ GKETLNLHFN PRFDESTIVC NTSEGGRWGQ EQRENHMCFS PGSEVKITIT FQDKDFKVTL PDGHQLTFPN RLGHNQLHYL SMGGLQISSF KLE

Application Note

Measured by its ability to agglutinate human red blood cells. The ED50 is >= 20ug/ml.

For Research Use Only. Not for use in diagnostic/therapeutics procedures.