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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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Galectin-2, His tag, human recombinant (rmLGALS2-His)

Catalog No: 97627
Lot No: XXXXX
Source: *E. coli*
Synonyms: Galectin-2, Gal-2, Lgals2, AI324147, 2200008F12Rik

Background

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.

Description

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

Physical Appearance

Sterile filtered colorless solution.

Formulation

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

Purity

Greater than 95.0% as determined by SDS-PAGE.

Amino Acid Sequence

MGSSHHHHHH SSSLVPRGSH MGSMSSEKFEV KDLNMPGMS LKIKGKIHND VDRFLINLQG GKETLNLHFN PRFDESTIVC
NTSEGGRWGQ EQRENHMCFS PGSEVKITIT FQDKDFKVTL PDGHQLTFPN RLGHNQLHYL SMGGLQISSF KLE

Usage

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