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Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

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See the following pages for more information!



Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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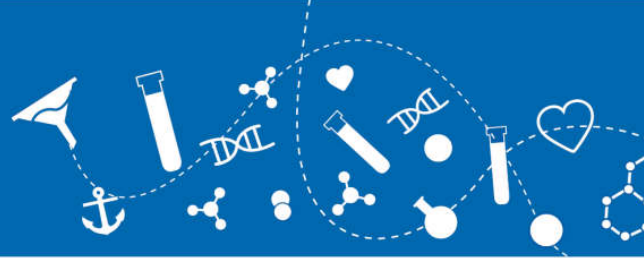
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Galectin-9, His tag, mouse recombinant (rmLGALS9-His)

Catalog No: 97637
Lot No: XXXXX
Source: *E. coli*
Synonyms: Galectin-9, Gal-9, Lgals9, Lgals5, LGALS35, AA407335, AI194909, AI265545

Background

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.

Description

LGALS9 mouse Recombinant produced *E. coli* is a single polypeptide chain containing 345 amino acids (1-322) and having a molecular mass of 38 kDa. LGALS9 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 LGALS9 solution (0.5 mg/ml) contains 20 mM Tris-HCl buffer (pH 8.0), 0.4 M 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.

Purity

Greater than 90.0% as determined by SDS-PAGE.

Amino Acid Sequence

MGSSHHHHHH SSSLVPRGSH MGSMA LFSAQ SPYINPIIPF TGPIQGGLQE GLQVTLQGT T KSFAQRFV V N FQNSFNGNDI
AFHFNPRFEE GGYVVCNTKQ NGQWGPEERK MQMPFQKGM P FELCFLVQRS EFKVMVNKKF FVQYQHRVPY HLVDTIIVSG
CLKLSFITFQ TQNFRPAHQA PMAQTTHMV HSTPGQMFST PGIPPVVYPT PAYTIPFYTP IPNGLYPSKS IMISGNVLPD
ATRFHINLRC GGDI AFHLNP RFNENAVVRN TQINNSWGQE ERSL LGRMPF SRGQSFSVWI ICEGHCFKVA VNGQHMCEYY
HRLKNLQDIN TLEVAGDIQL THVQT

Usage

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