



# SZABO SCANDIC

Part of Europa Biosite

## Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

Weitere Information auf den folgenden Seiten!  
See the following pages for more information!



### Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

### Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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## Galectin-9, His Tag, human recombinant (rHuLGALS9-His)

**Catalog No:** 97353  
**Lot No:** XXXXX  
**Source:** *E. coli*  
**Synonyms:** Lectin galactoside-binding soluble 9, Urate transporter/channel protein, LGALS9A, MGC125973, HUAT, Ecalectin, Galectin-9, MGC117375, MGC125974, HOM-HD-21, LGALS9

### 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 produced in *E. coli* is a single, non-glycosylated polypeptide chain containing 168 amino acids (1-148 a.a.) and having a molecular mass of 18.5 kDa. Galectin-9 is fused to 20 amino acid His-Tag at N-terminus and purified by proprietary chromatographic techniques.

### Physical Appearance

Sterile filtered colorless solution.

### Formulation

The LGALS9 protein solution contains 20 mM Tris-HCl, pH 8, 100 mM NaCl and 20% 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 MAFSGSQAPY LSPAVPFSGT IQGGLQDGLQ ITVNGTVLSS SGTRFAVNFQ TGFSGNDIAF  
HFNPRFEDGG YVVCNTRQNG SWGPEERKTH MPFQKGMPFD LCFLVQSSDF KVMVNGILFV QYFHRVPPFHR VDTISVNGSV  
QLSYISFQ

### Usage

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