

## 32-1233: LGALS9 Recombinant Protein

**Alternative Name :** Lectin galactoside-binding soluble 9,Urate transporter/channel protein,LGALS9A, MGC125973,HUAT,Ecalectin,Galectin-9,MGC117375,MGC125974,HOM-HD-21,LGALS9.

### Description

Source : Escherichia Coli. 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 a 20 amino acid His-Tag at N-terminus and purified by proprietary chromatographic techniques. 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.

### Product Info

**Amount :** 10 µg  
**Purification :** Greater than 90.0% as determined by SDS-PAGE.  
**Content :** The LGALS9 protein solution contains 20mM Tris-HCl, pH-8, 100mM NaCl and 20% glycerol.  
**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 MAFSGSQAPY LSPAVPFSGT IQGGLQDGLQ ITVNGTVLSS  
SGTRFAVNFQ TGFSGNDIAF HFNPRFEDGG YVVCNTRQNG SWGPEERKTH MPFQKGMFPD  
LCFLVQSSDF KVMVNGILFV QYFHRVPFHR VDTISVNGSV QLSYISFQ.

