

**Galectin9, 1-148aa, Human, His tag, E. coli**

**Cat.NO.: TP02189**

3th Edition

**Synonyms:**LGALS9, Gal-9, Tumor antigen HOM-HD-21, Ecalectin

**Description:**Galectin-9 (Gal-9) is a member of animal lectins that have an affinity to  $\beta$ -galactosides and Forssman pentasaccharide. It is strongly overexpressed in Hodgkin's disease tissue and it might participate in the interaction between the H&RS cells with their surrounding cells and might thus play a role in the pathogenesis of this disease and/or its consistently associated immunodeficiency.

**Form:**Liquid. 20mM Tris-HCl buffer (pH8.0) containing 20% glycerol 0.1M NaCl

**Molecular Weight:**18.5kDa (168aa)

**Sequences:**

MGSSHHHHHHSSGLVPRGSHMAFSGSQAPYLSPAVPFSGTIQGGLQDGLQITVNGTVLSSSGTRFAVNFQTGFSG  
NDIAFHFNPRFEDGGYVVCNTRQNGSWGPEERKTHMPFQKGMFDLCLVQSSDFKVMVNGILFVQYFHRVPPH  
RVDTISVNGSVQLSYISFQ

**Purity:**> 95% by HPLC

**Concentration:**0.5 mg/ml (determined by Bradford assay)

**Endotoxin Level:**<1.0 EU per 1 ug of protein (determined by LAL method)

**Storage:**Can be stored at +4°C short term (1-2 weeks). For long term storage, aliquot and store at -20°C or -70°C. Avoid repeated freezing and thawing cycles.