

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 β -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
NDIAFHFNPRFEDGGYVVCNTRQNGSWGPEERKTHMPFQKGMPDLCFLVQSSDFKVMVNGILFVQYFHRVPFH
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.