



Recombinant Human Galectin-1/LGALS1 Protein(C-6His)

Cat.NO.: TP06144

3th Edition

Synonyms:Galectin-1; Gal-1; 14 kDa Laminin-Binding Protein; HLBP14; 14 kDa Lectin; Beta-Galactoside-Binding Lectin L-14-I; Galaptin; HBL; HPL; Lactose-Binding Lectin 1; Lectin Galactoside-Binding Soluble 1; Putative MAPK-Activating Protein PM12; S-Lac Lectin 1; LGALS1

Description:Galectin-1 is a member of growing family of evolutionary conserved animal lectins. Galectin-1 is widely expressed in many cells and tissues. Galectins consists of a Galectin domain and two Beta-galactoside binding domains. Galectin-1 can binds LGALS3BP and interacts with CD2, CD3, CD4, CD7, CD43 and CD45. Galectin-1 may act as an autocrine negative growth factor which regulates apoptosis, cell proliferation and cell differentiation. In addition, Galectin-1 plays important roles in immunosuppressive and antiinflammatory properties.

Form:PBS

Molecular Weight:15.8 kDa

Sequences:Ala2-Asp135

Purity:> 95% by HPLC

Concentration:

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.