

RP00508

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Recombinant Human Galectin-1/LGALS1 Protein

Catalog No.: RP00508

Recombinant

Sequence Information

Species	Gene ID	Swiss Prot
Human	3956	P09382

Tags

C-6×His

Synonyms

GAL1; GBP;LGALS1; GAL1;
galectin-1;GBP;Galectin 1/LGALS1

Product Information

Source	Purification
E. coli	> 95% by SDS-PAGE.

Endotoxin

< 1 EU/μg of the protein by LAL method.

Formulation

Lyophilized from a 0.2 μm filtered solution of 10mM PB, 200mM NaCl, 2mM DTT, pH 7.0. Contact us for customized product form or formulation.

Reconstitution

Reconstitute to a concentration of 0.1-0.5 mg/mL in sterile distilled water.

Background

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.

Basic Information

Description

Recombinant Human Galectin-1/LGALS1 Protein is produced by E. coli expression system. The target protein is expressed with sequence (Ala2-Asp135) of human Galectin-1/LGALS1 (Accession #P09382) fused with a 6×His tag at the C-terminus.

Bio-Activity

Storage

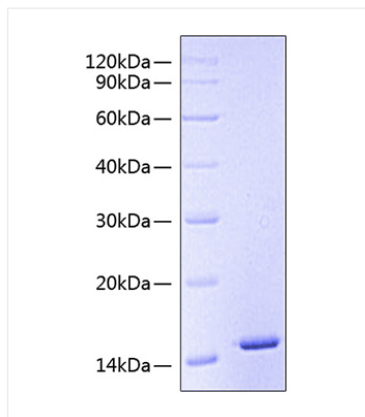
Store the lyophilized protein at -20 °C to -80 °C for long term. After reconstitution, the protein solution is stable at -20 °C for 3 months, at 2-8 °C for up to 1 week. Avoid repeated freeze/thaw cycles.

Contact



www.abclonal.com

Validation Data



Recombinant Human Galectin-1/LGALS1
Protein was determined by SDS-PAGE under
reducing conditions with Coomassie Blue.