

Recombinant Human Galectin 3

Catalog No.	CRG003A CRG003B CRG003C	Quantity:	10 µg 50 µg 1.0 mg
Alternate Names:	Galectin 3, CBP 35, GAL3, GALBP, GALIG, GBP, LGALS2, MAC2		
Gene ID:	3958		
Protein Accession No:	NP_002297		
Description:	<p>Recombinant human LGALS3 is a globular protein containing 250 amino acid residues, but no disulfide bonds. Lectins are carbohydrate binding proteins that interact with glycoprotein and glycolipids on the surface of animal cells. The Galectins are lectins that recognize and interact with beta-galactoside moieties. LGALS3 regulates a number of biological processes, including embryogenesis, inflammatory responses, cell progression and metastasis. LGALS3 can function intracellularly in controlling cell cycle and preventing T-cell apoptosis, and also extracellularly, in activating various cells, including monocytes/macrophages, mast cells, neutrophils, and lymphocytes.</p>		
Source:	<i>E. coli</i>		
Molecular Weight:	26.0 kDa		
Formulation:	Lyophilized from a sterile filtered solution containing PBS, pH 7.2		
Purity:	> 98% as determined by SDS-PAGE analysis		
Endotoxin Level:	< 0.1 ng/µg of LGALS3		
Biological Activity:	Determined by its ability to chemoattract human blood monocytes. Chemotactic activity was observed at a concentration of 2.5 µg/ml with a peak response obtained at 250 µg/ml.		
Reconstitution:	Centrifuge vial prior to opening. First add sterile distilled water to the vial to fully solubilize the protein to a concentration of 0.1-1.0 mg/ml. After complete solubilization of the protein, it can be further diluted to other aqueous solutions.		
Storage & Stability:	Store lyophilized protein at -20°C to -80°C. Reconstituted protein is stable for 1 week at 2-4°C. For long term storage, aliquot and store at -20°C. Avoid repeated freeze-thaw cycles.		

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