Active Recombinant Human LGALS3 protein, N-His-tagged

Cat. No. LGALS3-1089H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Active Recombinant Human LGALS3 protein(P17931)(Ala2-Ile250) is expressed from HEK293 with His tag at the N-Terminus.
Species	Human
Source	HEK293
ProteinLength	2-250 aa
Form	Lyophilized from 0.22 μm filtered solution in 50 mM HEPES, 150 mM NaCl, 5 mM EDTA, 2 mM TCEP (pH 7.4).
Bio-activity	Immobilized Human Galectin 3, His Tag at 1 μg/ml (100 μl/Well) on the plate. Dose response curve for Anti-Galectin 3 Antibody, hFc Tag with the EC50 of 6.8 ng/ml determined by ELISA.
Molecular Mass	The protein has a predicted MW of 27.1 kDa. Due to glycosylation, the protein migrates to 35-45 kDa based on Bis-Tris PAGE result.
Endotoxin	Less than 1 EU per μg by the LAL method.
Purity	> 95% as determined by Bis-Tris PAGE
Storage	-20 to -80°C for 12 months as supplied from date of receipt. -80°C for 3 months after reconstitution. Recommend to aliquot the protein into smaller quantities for optimal

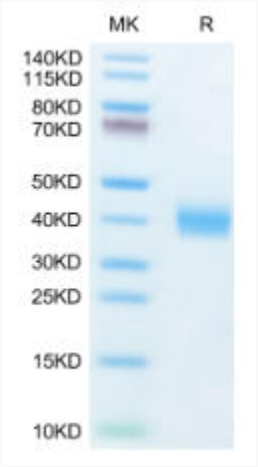
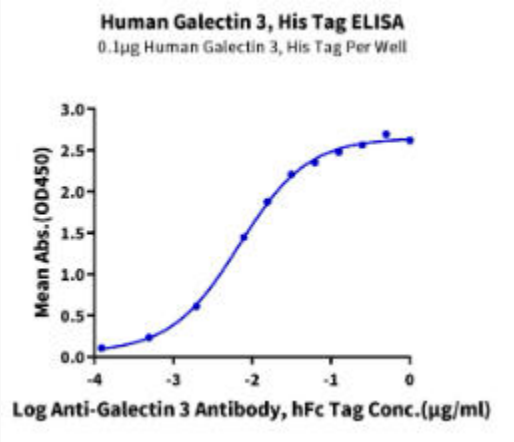
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	storage. Please minimize freeze-thaw cycles.
Reconstitution	Dissolve the lyophilized protein in distilled water.

GENE INFORMATION

Gene Name	LGALS3 lectin, galactoside-binding, soluble, 3 [Homo sapiens]
Official Symbol	LGALS3
Synonyms	LGALS3; lectin, galactoside-binding, soluble, 3; LGALS2; galectin-3; galectin 3; GALIG; MAC 2; lectin L-29; 35 kDa lectin; MAC-2 antigen; IgE-binding protein; laminin-binding protein; galactose-specific lectin 3; carbohydrate-binding protein 35; L31; GAL3; MAC2; CBP35; GALBP;
Gene ID	3958
mRNA Refseq	NM_001177388
Protein Refseq	NP_001170859
MIM	153619
UniProt ID	P17931

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Bis-Tris PAGE	
ELISA Data	

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