Recombinant Human LGALS3 protein, His-tagged

Cat. No. LGALS3-1319H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human LGALS3 protein(P17931)(Ala2-Ile250), fused with N-terminal His tag, was expressed in HEK293.
Species	Human
Source	HEK293
ProteinLength	Ala2-Ile250
Tag	N-His
Form	Supplied as 0.22μm filtered solution in 50mM HEPES, 150mM NaCl, 5mM EDTA, 2mM 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 4.5 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 Tris-Bis PAGE result.
Endotoxin	Less than 1EU per μg by the LAL method.
Purity	> 95% as determined by Tris-Bis PAGE

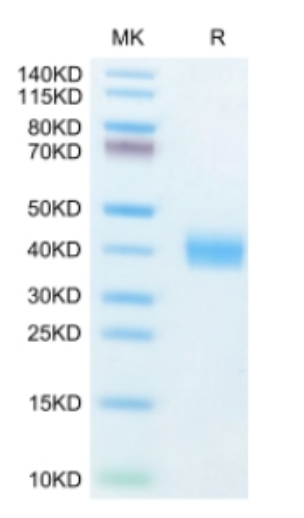
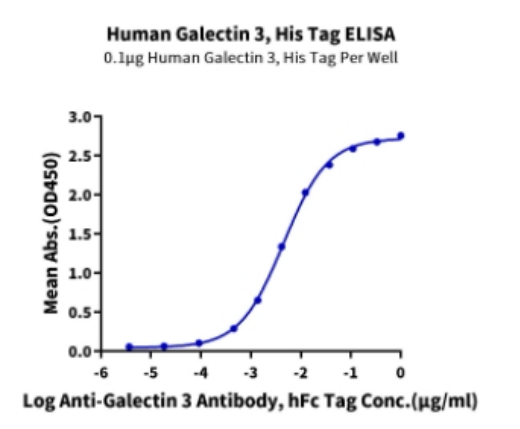
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Storage	Valid for 12 months from date of receipt when stored at -80°C; Recommend to aliquot the protein into smaller quantities for optimal storage. Please do not repeated freeze-thaw cycles.
Reconstitution	It is recommended that sterile water be added to the vial to prepare a stock solution of 0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

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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Tris-Bis PAGE	
ELISA Data	

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