

Active Recombinant Human LGALS1 protein

Cat. No. LGALS1-669H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human LGALS1 protein(Ala2-Asp135) was expressed in E.coli.
Species	Human
Source	E.coli
ProteinLength	2-135 aa
Form	Lyophilized from a 0.22 µm filtered solution of PBS, pH 7.4.
Bio-activity	Measured by its ability to agglutinate mouse red blood cells. The ED50 for this effect is 0.5-3 µg/mL.
Molecular Mass	14.58 kDa
Endotoxin	< 0.1 EU/µg of the protein by LAL method.
Purity	≥ 95 % as determined by SDS-PAGE.
Storage	Store at -20°C.Store the lyophilized protein at -20°C to -80°C up to 1 year from the date of receipt.After reconstitution, the protein solution is stable at -20°C for 3 months, at 2-8°C for up to 1 week.
Reconstitution	Centrifuge the vial before opening. Reconstitute to a concentration of 0.1-0.5 mg/mL in sterile distilled water. Avoid vortex or vigorously pipetting the protein. For long term

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storage, it is recommended to add a carrier protein or stabilizer (e.g. 0.1% BSA, 5% HSA, 10% FBS or 5% Trehalose), and aliquot the reconstituted protein solution to minimize free-thaw cycles.

GENE INFORMATION

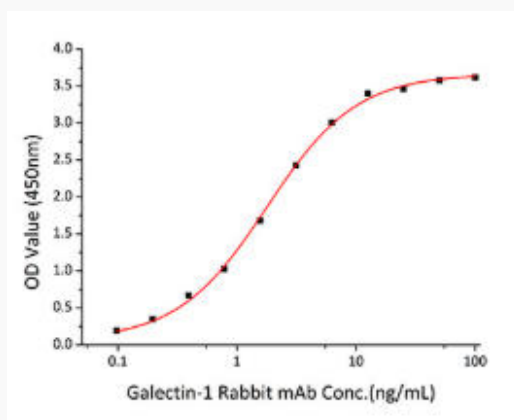
Gene Name	LGALS1 lectin, galactoside-binding, soluble, 1 [Homo sapiens]
Official Symbol	LGALS1
Synonyms	LGALS1; lectin, galactoside-binding, soluble, 1; galectin-1; galectin 1; GBP; HBL; HPL; gal-1; HLBP14; galaptin; 14 kDa lectin; S-Lac lectin 1; lactose-binding lectin 1; 14 kDa laminin-binding protein; putative MAPK-activating protein PM12; beta-galactoside-binding lectin L-14-I; beta-galactoside-binding protein 14kDa; GAL1; DKFZp686E23103;
Gene ID	3956
mRNA Refseq	NM_002305
Protein Refseq	NP_002296
MIM	150570
UniProt ID	P09382

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Activity



SDS-PAGE

