

Active Recombinant Human LGALS3 protein

Cat. No. LGALS3-2604H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human Galectin-3/LGALS3 Protein is produced by E. coli expression system. The target protein is expressed with sequence (Ala2-Ile250) of human Galectin-3 (Accession #NP_002297.2).
Species	Human
Source	E.coli
ProteinLength	Ala2-Ile250
Form	Lyophilized from a 0.22 µm filtered solution of PBS, pH 7.4.
Bio-activity	Measured by its binding ability in a functional ELISA. Immobilized Human Galectin-3 at 1 µg/mL (100 µL/well) can bind Galectin-3/LGALS3 Rabbit mAb with a linear range of 0.24-35 ng/mL.
Molecular Mass	30 kDa
Endotoxin	< 0.1 EU/µg of the protein by LAL method.
Purity	> 97% by SDS-PAGE.
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.

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Reconstitution Reconstitute to a concentration of 0.1-0.5 mg/mL in sterile 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

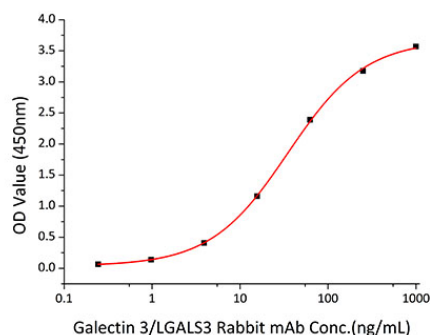
mRNA Refseq NM_001177388

Protein Refseq NP_001170859

MIM 153619

UniProt ID P17931

Bio-activity

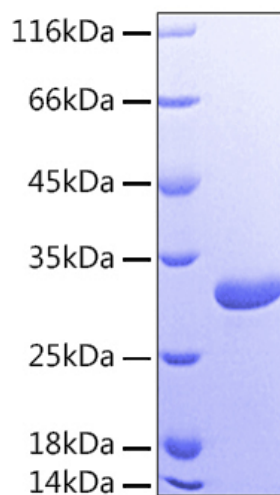


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SDS-PAGE



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