

RP03164

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Recombinant Mouse Galectin-3/LGALS3 Protein

Catalog No.: RP03164

Recombinant

Sequence Information

Species	Gene ID	Swiss Prot
HEK293 cells	16854	Q8C253

Tags

C-His

Synonyms

CBP35; GAL3; GALBP; GALIG; L31;
LGALS2;
MAC2; LGALS3; GAL3; GALBP; GALIG; L31;
LGALS2; MAC2

Product Information

Source	Purification
HEK293 cells	≥ 95 % as determined by SDS-PAGE.

Endotoxin

< 1 EU/μg of the protein by LAL
method.

Formulation

Lyophilized from a 0.22 μm filtered
solution of PBS, pH 7.4. Contact us for
customized product form or
formulation.

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 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.

Contact



www.abclonal.com

Background

Galectin-3 (Gal-3) is a 30 kDa β-galactose, highly conserved and widely distributed intracellularly and extracellularly. Gal-3 has been demonstrated in recent years to be a novel inflammatory factor participating in the process of intravascular inflammation, lipid endocytosis, macrophage activation, cellular proliferation, monocyte chemotaxis, and cell adhesion.

Basic Information

Description

Recombinant Mouse Galectin-3/LGALS3 Protein is produced by HEK293 cells expression system. The target protein is expressed with sequence (Ala2-Ile264) of Mouse Galectin-3/LGALS3 (Accession #CCDS26986.1) fused with his tag at the C-terminus.

Bio-Activity

Shipping

The product is shipped at ambient temperature. Upon receipt, store it immediately at the temperature recommended below.

Operational Notes

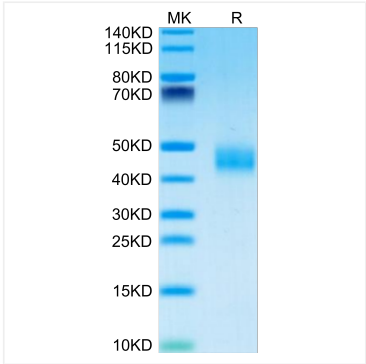
For your safety and health, please wear a lab coat and disposable gloves for handling.

Storage

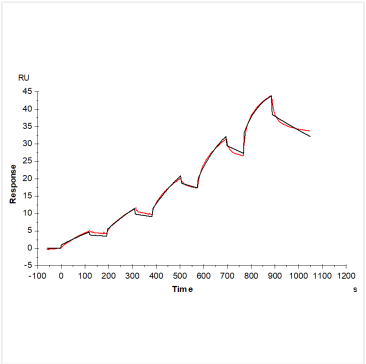
Store at -20°C. Store the lyophilized protein at -20°C to -80 °C up to 1 year from the date of receipt.
After reconstitution, the protein solution is stable at -20°C for 3 months, at 2-8°C for up to 1 week.
Avoid repeated freeze/thaw cycles.

* For your safety and health, please wear a lab coat and disposable gloves when handling.

Validation Data



Recombinant Mouse Galectin-3/LGALS3 Protein was determined by SDS-PAGE under reducing conditions with Coomassie Blue.



Mouse Galectin-3, His Tag immobilized on CM5 Chip can bind Mouse LGALS3BP, His Tag with an affinity constant of 17.56 nM as determined in SPR assay (Biacore T200).