

Recombinant Human Galectin-3/LGALS3 Protein

Catalog No.: RP00558 **Recombinant**

Sequence Information

Species	Gene ID	Swiss Prot
Human	3958	P17931

Tags

C-6×His

Synonyms

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

Product Information

Source	Purification
HEK293 cells	> 95% by SDS-PAGE.

Endotoxin

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

Formulation

Lyophilized from a 0.2 μm filtered solution of PBS, pH7.4, 3mM DTT. Contact us for customized product form or formulation.

Reconstitution

Reconstitute to a concentration of 0.1-0.5 mg/mL in sterile distilled water.

Background

Galectin-3(LGALS3) is also known as Galactose-specific lectin 3, Mac-2 antigen, Carbohydrate-binding protein35, Laminin-binding protein and Galactoside-binding protein. LGALS3 is highly expressed in early stages of papillary carcinoma, and lowly during tumor progression. LGALS3 is probably forms homo- or heterodimers and secreted by a non-classical secretory pathway and associates with the cell surface. LGALS3 plays an important role during the acquisition of vasculogenic mimicry and angiogenic properties. LGALS3 takes part in an immune regulator to inhibit T-cell immune responses and promote tumor growth, as a result providing a new mechanism for tumor immune tolerance.

Basic Information

Description

Recombinant Human Galectin-3/LGALS3 Protein is produced by Human cells expression system. The target protein is expressed with sequence (Ala2-Ile250) of human Galectin-3/LGALS3 (Accession #P17931) fused with a 6×His tag at the C-terminus.

Bio-Activity

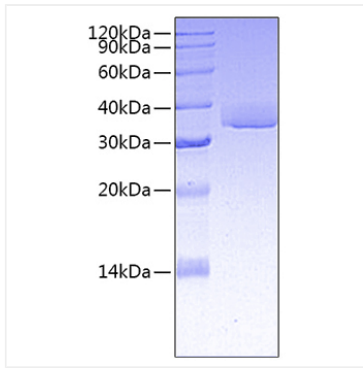
Storage

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.
Avoid repeated freeze/thaw cycles.

Contact

 | www.abclonal.com

Validation Data



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