

Recombinant Human LGALS3 Protein

Catalog #	Source	Reactivity	Applications
CRP1893	E. coli	Human	E, WB, SDS-PAGE, MS

Description	Recombinant Human LGALS3 Protein is produced by our E. coli expression system and the target gene encoding Ala2-Ile250 is expressed.
Form	Lyophilized from a 0.2 μ M filtered solution of 20mM PB, 150mM NaCl, pH 7.4.
Gene Symbol	LGALS3
Alternative Names	MAC2; Galectin-3; Gal-3; 35 kDa lectin; Carbohydrate-binding protein 35; CBP 35; Galactose-specific lectin 3; Galactoside-binding protein; GALBP; IgE-binding protein; L-31; Laminin-binding protein; Lectin L-29; Mac-2 antigen
Entrez Gene	3958 (Human)
SwissProt	P17931 (Human)
Purity	Greater than 95% as determined by SEC-HPLC and reducing SDS-PAGE.
Chemical Structure	ADNFSLHDAL SGSGNPNPQG WPGA WGNQPA GAGGYPGASY PGAYPGQAPP GAYPGQAPPG AYPGAPGAYP GAPAPGVYPG PPSGPGAYPS SGQPSATGAY PATGPYGAPA GPLIVPYNLP LPGGVVPRML ITILGTVKPN ANRIALDFQR GNDVAFHFNP RFNENRRRVI VCNTKLDNNW GREERQSVFP FESGKPFKIQ VLVEPDHFKV AVNDAHLLQY NHRVKKLNEI SKLGISGDID LTSASYTMI
Quality Control	Endotoxin: Less than 0.1 ng/ μ g (1 IEU/ μ g) as determined by LAL test.
Directions for Use	Always centrifuge tubes before opening. Do not mix by vortex or pipetting. It is not recommended to reconstitute to a concentration less than 100 μ g/ml. Dissolve the lyophilized protein in 1X PBS. Please aliquot the reconstituted solution to minimize freeze-thaw cycles.
Storage/Stability	Lyophilized protein should be stored at -20°C, though stable at room temperature
Application key:	E- ELISA, WB- Western blot, IH- Immunohistochemistry, IF- Immunofluorescence, FC- Flow cytometry, IC- Immunocytochemistry, IP- Immunoprecipitation, CHIP- Chromatin Immunoprecipitation, EMSA- Electrophoretic Mobility Shift Assay, BL- Blocking, SE- Sandwich ELISA, CBE- Cell-based ELISA, RNAi- RNA interference
Species reactivity key:	H- Human, M- Mouse, R- Rat, B- Bovine, C- Chicken, D- Dog, G- Goat, Mk- Monkey, P- Pig, Rb- Rabbit, S- Sheep, Z- Zebrafish

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Product Data Sheet

for 3 weeks. Reconstituted protein solution can be stored at 2-8°C for 2-7 days.

Aliquots of reconstituted samples are stable at -20°C for 3 months.

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