

Product Data Sheet

Recombinant Human LGALS3 Protein

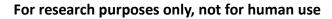
Catalog #	Source	Reactivity	Applications		
CRP1893	E. coli	Human	E, WB, SDS-PAGE, MS		
Description		Recombinant Human LGALS	Protein is produced by our E. coli expression system		
	i	and the target gene encodin	g Ala2-Ile250 is expressed.		
Form	I	Lyophilized from a 0.2 μ M fil	tered solution of 20mM 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; G	alactoside-binding protein; GALBP; IgE-binding protein;		
	I	L-31; Laminin-binding protei	n; Lectin L-29; Mac-2 antigen		
Entrez Gene	:	3958 (Human)			
SwissProt	l	P17931 (Human)			
Purity		Greater than 95% as determ	ned by SEC-HPLC and reducing SDS-PAGE.		
Chemical Structure		ADNFSLHDAL SGSGNPNPQG WPGAWGNQPA GAGGYPGASY PGAYPGQAPP			
		GAYPGQAPPG AYPGAPGAYP	GAPAPGVYPG PPSGPGAYPS SGQPSATGAY PATGPYGAPA		
		GPLIVPYNLP LPGGVVPRML I	TILGTVKPN ANRIALDFQR GNDVAFHFNP RFNENNRRVI		
	,	VCNTKLDNNW GREERQSVFP	FESGKPFKIQ VLVEPDHFKV AVNDAHLLQY NHRVKKLNEI		
	:	SKLGISGDID LTSASYTMI			
Quality Control		Endotoxin: Less than 0.1 ng/µg (1 IEU/µg) as determined by LAL test.			
Directions for Use		Always centrifuge tubes before opening. Do not mix by vortex or pipetting. It is not			
	I	recommended to reconstitut	te to a concentration less than 100 μ g/ml. Dissolve the		
	I	lyophilized protein in 1X PBS	. Please aliquot the reconstituted solution to minimize		
	1	freeze-thaw cycles.			
			a stand at 20%C that she had be at making tang tang tang		

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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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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