

## Recombinant Human Galectin 9 Protein

Catalog #	Source	Reactivity	Applications
CRP2712	Human cells	Human	E, WB, SDS-PAGE, MS
Description	Recombinant Human Galectin 9 Protein is produced by mammalian expression system and the target gene encoding Met1-Thr323 is expressed with a 6His tag at the C-terminus.		
Form	Lyophilized from a 0.2 μm filtered solution of PBS, 5% Trehalose, 1mM EDTA, pH7.4.		
Gene Symbol	LGALS9		
Alternative Names	Galectin-9; Gal-9; Ecalectin; Tumor antigen HOM-HD-21		
Entrez Gene	3965 (Human)		
SwissProt	O00182 (Human)		
Purity	Greater than 95% as determined by reducing SDS-PAGE.		
Chemical Structure	MAFGSGQAPY LSPAVPFSGT IQGGLQDGLQ ITVNGTVLSS SGTRFAVNFQ TGFSGNDIAF HFNPRFEDGG YVVCNTRQNG SWGPEERKTH MPFQKGMFPD LCFLVQSSDF KVMVNGILFV QYFHRVPFHR VDTISVNGSV QLSYISFQPP GVWPANPAPI TQTVIHTVQS APGQMFSTPA IPPMMYPHPA YPMPFITIL GGLYPSKIL LSGTVLPSAQ RFHINLCSGN HIAFHLNPRF DENAVVRNTQ IDNSWGSEER SLPRKMPFVR GQSFSVWILC EAHCLKVAVD GQHLFEYYHR LRNLPTINRL EVGGDIQLTH VQTVDDHHHHH H		
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 recommended to reconstitute to a concentration less than 100 μg/ml. Dissolve the lyophilized protein in ddH2O. 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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