

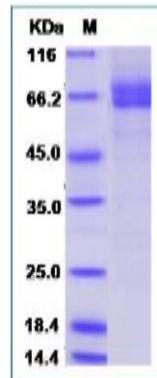
LGALS9

Recombinant Human Galectin-9 (Fc Tag)

Catalog No.	CRH621A-Fc CRH621B-Fc	Quantity:	50 µg 200 µg
Alternate Names:	Galectin-9, Gal-9, Ecalectin, Tumor antigen HOM-HD-21		
Description:	The galectins are a family of beta-galactoside-binding proteins implicated in modulating cell-cell and cell-matrix interactions. The protein encoded by this gene is an S-type lectin. It is overexpressed in Hodgkin's disease tissue and might participate in the interaction between the H&RS cells with their surrounding cells and might thus play a role in the pathogenesis of this disease and/or its associated immunodeficiency. Multiple alternatively spliced transcript variants have been found for this gene.		
UniProt ID:	O00182		
Accession Number:	NP_002299.2		
Protein Construction:	A DNA sequence encoding the human LGALS9 (Ala2-Thr323) was expressed with the Fc region of human IgG1 at the N-terminus.		
Source:	HEK293 Cells		
Formulation:	Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization.		
Molecular Weight:	The recombinant human LGALS9 consists of 554 amino acids and predicts a molecular mass of 61.8 kDa.		
Purity:	> 90 % as determined by SDS-PAGE.		
Endotoxin Level:	< 1.0 EU per µg of the protein as determined by the LAL method		
Biological Activity:	Testing in progress		
Predicted N-terminal:	Glu		
Reconstitution:	Centrifuge vial prior to opening. Add sterile distilled water to a concentration of 0.1 mg/mL and gently pipette the solution up and down the sides of the vial. DO NOT VORTEX. Allow several minutes for complete reconstitution.		
Storage & Stability:	Stable for up to 1 year from date of receipt at -20°C to -80°C After reconstitution, store working aliquots at -20°C to -80°C. Avoid repeated freeze-thaw cycles.		



SDS-PAGE



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