Recombinant Human LGALS9 Protein, Fc-tagged, FITC conjugated

Cat. No. LGALS9-471HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	FITC conjugated recombinant human LGALS9 (NP_002299.2) (Ala2-Thr323) was expressed with the Fc region of human IgG1 at the N-terminus.
Species	Human
Source	HEK293
ProteinLength	Ala2-Thr323 554
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 ass centigradeiated immunodeficiency. Multiple alternatively spliced transcript variants have been found for this gene.
Form	Lyophilized
Molecular Mass	61.8 kDa
N-terminal Sequence Analysis	Glu

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Endotoxin	< 1.0 EU/ μg protein as determined by the LAL method.
Purity	> 90 % as determined by SDS-PAGE
Characteristic	Disulfide-linked homodimer Labeled with FITC via amines Excitation source: 488 nm spectral line, argon-ion laser Excitation Wavelength: 488 nm Emission Wavelength: 535 nm
Storage	Samples are stable for up to twelve months from date of receipt at -70 centigrade. Store it under sterile conditions at -20 to -80 centigrade. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.
Storage Buffer	Lyophilized from sterile PBS, pH 7.4. Normally 5%-8% trehalose, mannitol and 0.01% Tween 80 are added as protectants before lyophilization.
Reconstitution	It is recommended that sterile water be added to the vial to prepare a stock solution of 0.2 μg/μL. Centrifuge the vial at 4 centigrade before opening to recover the entire contents.
Conjugation	FITC

GENE INFORMATION

Gene Name	LGALS9 lectin, galactoside-binding, soluble, 9 [Homo sapiens]
Official Symbol	LGALS9
Synonyms	LGALS9; lectin, galactoside-binding, soluble, 9; galectin-9; galectin 9; LGALS9A; gal-9; ecalectin; tumor antigen HOM-HD-21; urate transporter/channel protein; HUAT;

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	MGC117375; MGC125973; MGC125974;
Gene ID	3965
mRNA Refseq	NM_002308
Protein Refseq	NP_002299
MIM	601879

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