

Recombinant Full Length Human LGALS9 Protein, C-Flag-tagged

Cat. No. LGALS9-1547HFL **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Full Length Human LGALS9 Protein, fused to Flag-tag at C-terminus, was expressed in Mammalian cells.
Species	Human
Source	Mammalian Cells
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.
Form	25 mM Tris HCl, pH 7.3, 100 mM glycine, 10% glycerol.
Molecular Mass	39.3 kDa
AA Sequence	MAFSGSQAPYLSPAVPFSGTIQGGLQDGLQITVNGTVLSSSGTRFAVNFQTGFSGN DIAFHFNPRFEDGG YVVCNTRQNGSWGPEERKTHMPFQKGMPFDLCFLVQSSDF KVMVNGILFVQYFHRVPFHRVDTISVNGSV QLSYISFQNPRTVPVQPAFSTVPFSQP VCFPPRPRGRRQKPPGVWPANPAPITQTVIHTVQSAPGQMFST PAIPPMMPHPA YPMPFITLGGLYPSKSILLSGTVLPSAQRFHINLCSGNHIAFHLNPRFDENAVVRN T

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QIDNSWGSEERSLPRKMPFVRGQSFSVWILCEAHCLKVAVDGQHLFEYYHRLRNLP
 TINRLEVGGDIQL
 THVQTTTRTRPLEQKLISEEDLAANDILDYKDDDDKV

Purity > 80% as determined by SDS-PAGE and Coomassie blue staining.

Stability Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.

Storage Store at -80 centigrade.

Concentration >50 ug/mL as determined by microplate BCA method.

Preparation Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.

Full Length Full L.

GENE INFORMATION

Gene Name LGALS9 galectin 9 [Homo sapiens (human)]

Official Symbol LGALS9

Synonyms HUAT; LGALS9A

Gene ID 3965

mRNA Refseq NM_009587.3

Protein Refseq NP_033665.1

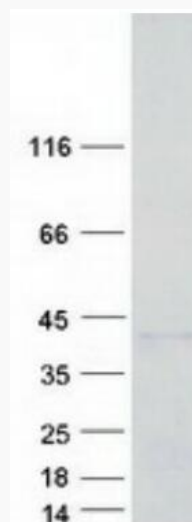
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MIM 601879

UniProt ID O00182



Coomassie blue staining of purified LGALS9 protein.

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