

Recombinant Human LGALS9 Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. LGALS9-5011H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	LGALS9 MS Standard C13 and N15-labeled recombinant protein (NP_002299) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
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.
Molecular Mass	35.9 kDa
AA Sequence	MAFSGSQAPYLSPAVPFSGTIQGGLQDGLQITVNGTVLSSSGTRFAVNFQTGFSGN DIAFHFNPRFEDGGYVVCNTRQNGSWGPEERKTHMPFQKGMFDFLCFLVQSSDFK VMVNGILFVQYFHRVPFHRVDTISVNGSVQLSYISFQPPGVWPANPAPITQTVIHTVQ SAPGQMFSTPAIPPMYPHPAYPMPFITLGGLYPSKSILLSGTVLPSAQRFHINLCS GNHIAFHLNPRFDENAVVRNTQIDNSWGSEERSLPRKMPFVRGQSFSVWILCEAHC LKVAVDGQHLFEYYHRLRNLPINRLEVGGDIQLTHVQTTRTRPLEQKLISEEDLAAN

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	DILDYKDDDDKV
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Stability	Stable for 3 months from receipt of products under proper storage and handling conditions.
Storage	Store at -80 centigrade. Avoid repeated freeze-thaw cycles.
Concentration	50 µg/mL as determined by BCA
Storage Buffer	100 mM glycine, 25 mM Tris-HCl, pH 7.3.
GENE INFORMATION	
Gene Name	LGALS9 galectin 9 [Homo sapiens (human)]
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; MGC117375; MGC125973; MGC125974;
Gene ID	3965
mRNA Refseq	NM_002308
Protein Refseq	NP_002299
MIM	601879

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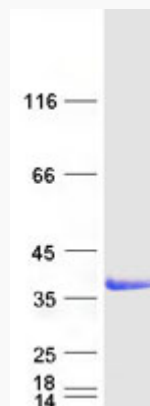
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UniProt ID

O00182

SDS-PAGE

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