

## Recombinant Human LGALS9 Protein

Cat. No. LGALS9-660H Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant human LGALS9 protein without tag was expressed in HEK293.
<b>Species</b>	Human
<b>Source</b>	HEK293
<b>ProteinLength</b>	355
<b>Description</b>	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.
<b>Form</b>	Lyophilized
<b>Molecular Mass</b>	36.6 kDa
<b>AA Sequence</b>	MAFSGSQAPYLSPA VPFSGTIQGGLQDGLQITVNGTVLSSSGTRFAVNFQTFGSGN DIAHFHFNPRFEDGGYVVCNTRQNGSWGPEERKTHMPFQKGMFDFLCFLVQSSDFK VMVNGILFVQYFHRVPFHRVDTISVNGSVQLSYISFQNPRTVPVQPAFSTVPFSQPV CFPPRPRGRRQKPPGVWPANPAPITQTVIHTVQSAPGQMFSTPAIPPMYPHPAYP MPFITLGLGLYPSKSILLSGTVLPSAQRFHINLCSGNHIAFHNLNPRFDENAVVRNTQI

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	DNSWGSEERSLPRKMPFVRGQSFSVWILCEAHCLKVAVDGQHLFEYYHRLRNLPTI NRLEVGGDIDLTHVQT
<b>Purity</b>	> 98%
<b>Applications</b>	WB; ELISA; FACS; FC
<b>Stability</b>	This bioreagent is stable at 4 centigrade (short-term) and -70 centigrade(long-term). After reconstitution, sample may be stored at 4 centigrade for 2-7 days and below -18 centigrade for future use.
<b>Storage</b>	At -20 centigrade.
<b>Concentration</b>	1 mg/mL
<b>Storage Buffer</b>	PBS (pH 7.4-7.5). Sterile-filtered colorless solution.
<b>Reconstitution</b>	Reconstitute in sterile distilled H2O to no less than 100 µg/mL; dilute reconstituted stock further in other aqueous solutions if needed. Please review COA for lot-specific instructions. Final measurements should be determined by the end-user for optimal performance.
<b>GENE INFORMATION</b>	
<b>Gene Name</b>	LGALS9 lectin, galactoside-binding, soluble, 9 [ Homo sapiens (human) ]
<b>Official Symbol</b>	LGALS9
<b>Synonyms</b>	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;

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Gene ID	3965
mRNA Refseq	NM_002308
Protein Refseq	NP_002299
MIM	601879
UniProt ID	O00182

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