

## Product datasheet for TP319435

### galectin 9 (LGALS9) (NM\_009587) Human Recombinant Protein

#### Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Homo sapiens lectin, galactoside-binding, soluble, 9 (LGALS9), transcript variant 1, 20 µg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC219435 representing NM_009587 <b>Red</b> =Cloning site <b>Green</b> =Tags(s)

MAFSGSQAPYLSPAVPFSGTIQGGQLDGLQITVNGTVLSSSGTRFAVNFQTGFSGNDIAHFHNPRFEDGG  
YVVCNTRQNGSWGPEERKTHMPFQKGMFDFLCFLVQSSDFKVMVNGILFVQYFHRVFPFHRVDTISVNGSV  
QLSYISFQNPRTPVQPAFSTVPFSQPVCFPFRPRGRRQKPPGVWPANPAPITQTVIHTVQSAPGQMFST  
PAIPPMYPHPAYPMPFITLGLYPSKILLSGTVLPSAQRFHINLCSGNHIAFHLNPRFDENAVVRN  
TQIDNSWGSEERSLPRKMPFVRGQSFVWILCEAHCLKVAVDGQHLEFYHRLRNLPINRLEVGGDIQL  
THVQT

**TRTRPLEQKLISEEDLAANDILDYKDDDDKV**

Tag:	C-Myc/DDK
Predicted MW:	39.3 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
Preparation:	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
Note:	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
Storage:	Store at -80°C.
Stability:	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
RefSeq:	<u><a href="#">NP_033665</a></u>

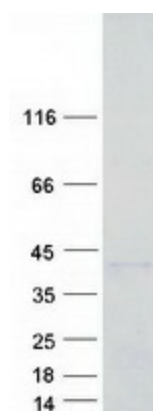


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Locus ID: 3965  
UniProt ID: [O00182](#), [A0A024QZ55](#)  
RefSeq Size: 1696  
Cytogenetics: 17q11.2  
RefSeq ORF: 1065  
Synonyms: HUAT; LGALS9A

**Summary:** 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. [provided by RefSeq, Jul 2008]

### Product images:



Coomassie blue staining of purified LGALS9 protein (Cat# TP319435). The protein was produced from HEK293T cells transfected with LGALS9 cDNA clone (Cat# [RC219435]) using MegaTran 2.0 (Cat# [TT210002]).