

## Product datasheet for **TP310750**

### galectin 9 (LGALS9) (NM\_002308) Human Recombinant Protein

#### Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human lectin, galactoside-binding, soluble, 9 (LGALS9), transcript variant 2, 20 µg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC210750 protein sequence <b>Red</b> =Cloning site <b>Green</b> =Tags(s)
	MAFSGSQAPYLSPAVPFSGTIQGGLQDGLQITVNGTVLSSSGTRFAVNFQTGFSGNDIAHFHNPRFEDGG YVVCNTRQNGSWGPEERKTHMPFQKGMPFDLCFLVQSSDFKVMVNGILFVQYFHRVPFHRVDTISVNGSV QLSYISFQPPGVWPANPAPITQTVIHTVQSAPGQMFSTPAIPPMMPHPAYPMPFITILGGLYPSKSL LSGTVLPSAQRFHINLCSGNHIAFHLNPRFDENAVRNTQIDNSWGSEERSLPKMPFVRGQSFVWILC EAHCLKVAVDGQHLFEYYHRLRLNPTINRLEVGGDIQLTHVQT
	<b>TRTRPLEQKLISEEDLAANDILDYKDDDDKV</b>
Tag:	C-Myc/DDK
Predicted MW:	35.7 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_002299</a></u>
Locus ID:	3965



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UniProt ID: [O00182](#), [A0A024QZ02](#)

RefSeq Size: 1739

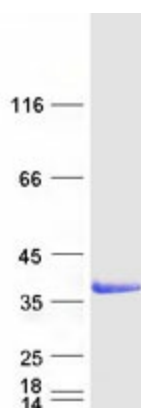
Cytogenetics: 17q11.2

RefSeq ORF: 969

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# TP310750). The protein was produced from HEK293T cells transfected with LGALS9 cDNA clone (Cat# [RC210750]) using MegaTran 2.0 (Cat# [TT210002]).