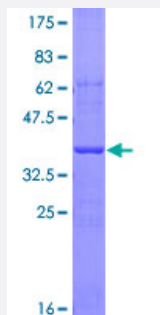


# LGALS9 (Human) Recombinant Protein (Q01)

Catalog # H00003965-Q01

Size 25 ug, 10 ug

## Applications



## Specification

<b>Product Description</b>	Human LGALS9 partial ORF ( NP_033665, 254 a.a. - 355 a.a.) recombinant protein with GST-tag at N-terminal.
<b>Sequence</b>	FHINLCSGNHIAFHLNPRFDENAVVRNTQIDNSWGSEERSLPRKMPFVRGQSFSVWILCEAHCLK VAVDGQHLEFYYHRLRNLPINRLEVGGDIQLTHVQT
<b>Host</b>	Wheat Germ (in vitro)
<b>Theoretical MW (kDa)</b>	36.96
<b>Preparation Method</b>	<a href="#">in vitro wheat germ expression system</a>
<b>Purification</b>	Glutathione Sepharose 4 Fast Flow
<b>Quality Control Testing</b>	12.5% SDS-PAGE Stained with Coomassie Blue.
<b>Storage Buffer</b>	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
<b>Storage Instruction</b>	Store at -80°C. Aliquot to avoid repeated freezing and thawing.
<b>Note</b>	Best use within three months from the date of receipt of this protein.

## Applications

- Enzyme-linked Immunoabsorbent Assay
- Western Blot (Recombinant protein)
- Antibody Production
- Protein Array

## Gene Info — LGALS9

**Entrez GeneID** [3965](#)

**GeneBank Accession#** [NM\\_009587](#)

**Protein Accession#** [NP\\_033665](#)

**Gene Name** LGALS9

**Gene Alias** HUAT, LGALS9A, MGC117375, MGC125973, MGC125974

**Gene Description** lectin, galactoside-binding, soluble, 9

**Omim ID** [601879](#)

**Gene Ontology** [Hyperlink](#)

**Gene 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]

**Other Designations** ecalectin|galectin 9|galectin-9|urate transporter/channel protein

## Publication Reference

- [Tim-2 up-regulation and galectin-9-Tim-3 pathway activation in Th2-biased response in Schistosoma japonicum infection in mice.](#)

i Y, Song XR, Shen JL, Xu YH, Shen Q, Luo QL, Zhong ZR, Wang W, Chu DY, Song WJ.

Immunology Letters 2012 May; 144(1-2):60.

Application: Func, Mouse, Spleen lymphocytes