

Full-Length

LGALS9 (Human) Recombinant Protein (P01)

Catalog # H00003965-P01

Size 50 ug

Specification

Product Description	Human LGALS9 full-length ORF (BAG54277.1, 1 a.a. - 323 a.a.) recombinant protein with GST-tag at N-terminal.
Sequence	MAFSSSQAPYLSPAVPFSGTIQGGQLDGLQITVNGTVLSSSGTRFAVNFQTGFSGNDIAFHFNPRF EDGGYVVCNTRQNGSWGPEERKTHMPFQKGMPFDLCFLVQSSDFKVMVNGILFVQYFHRVPFH RVDTISVNGSVQLSYISFQPPGVWPANPAPITQTVIHTVQSAPGQMFSTPAIPPMYPHPAYPMPFI TTILGGLYPSKILLSGTVLPSAQRFHINLCSGNHIAFHLNPRFDENAVVRNTQIDNSWGSEERSLP RKMPFVRGQSFSVWILCEAHCLKVAVDGQHLFEYYHRLRLNPTINRLEVGGDIQLTHVQT
Host	Wheat Germ (in vitro)
Theoretical MW (kDa)	62.3
Preparation Method	in vitro wheat germ expression system
Purification	Glutathione Sepharose 4 Fast Flow
Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
Storage Instruction	Store at -80°C. Aliquot to avoid repeated freezing and thawing.
Note	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#** [AK126017.1](#)**Protein Accession#** [BAG54277.1](#)**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