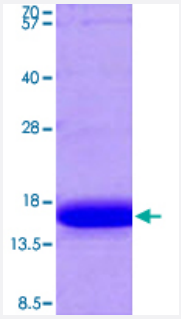
LGALS9 (Human) Recombinant Protein

Catalog # P3548 Size 50 ug

Applications



Specification

Product Description	Human LGALS9 (NP_033665, 1 a.a. - 148 a.a.) partial recombinant protein with His tag expressed in *Escherichia coli*.
Sequence	MGSSHHHHHHSSGLVPRGSHMAFSGSQAPYLSPAVPFSGTIQGGLQDGLQITVNGTVLSSSGTR FAVNFQTGFSGNDIAFHFNPRFEDGGYVVCNTRQNGSWGPEERKTHMPFQKGMPFDLCFLVQS SDFKVMVNGILFVQYFHRVPFHRVDTISVNGSVQLSYISFQ
Host	Escherichia coli
Theoretical MW (kDa)	18.5
Form	Liquid
Preparation Method	*Escherichia coli* expression system
Purification	Conventional Chromatography
Concentration	0.5 mg/mL
Purity	> 90% by SDS-PAGE
Quality Control Testing	Loading 3 ug protein in 15% SDS-PAGE
Storage Buffer	In 20 mM Tris-HCl buffer, 0.1 M NaCl, pH 8.0 (20% glycerol).

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Storage Instruction	Store at 2°C to 8°C for 1 week. For long term storage, aliquot and store at -20°C to -80°C. Aliquot to avoid repeated freezing and thawing.

Applications

- SDS-PAGE

Gene Info — LGALS9

Entrez GeneID	3965
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

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