

Recombinant Human LGALS9 protein, His-tagged, Low Endotoxin

Cat. No. LGALS9-4643H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human LGALS9 protein(O00182-2)(Ala2-Thr323), fused with N-terminal His tag, was expressed in HEK293.
Species	Human
Source	HEK293
ProteinLength	2-323 aa
Form	Lyophilized from 0.22µm filtered solution in 20 mM MOPS, 50 mM NaCl, 1 mM EDTA, 2 mM DTT (pH 7.4). Normally 8% trehalose is added as protectant before lyophilization.
Molecular Mass	The protein has a predicted MW of 36.9 kDa. Due to glycosylation, the protein migrates to 50-65 kDa based on Bis-Tris PAGE result.
Endotoxin	Less than 0.01 EU per µg by the LAL method.
Purity	> 95% as determined by Bis-Tris PAGE
Storage	Store at -20 to -80°C for 24 months as supplied from date of receipt. -80°C for 3 months after reconstitution. Recommend to aliquot the protein into smaller quantities for optimal storage. Please minimize freeze-thaw cycles.

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Reconstitution Dissolve the lyophilized protein in distilled water.

GENE INFORMATION

Gene Name [LGALS9 lectin, galactoside-binding, soluble, 9 \[Homo sapiens \]](#)

Official Symbol [LGALS9](#)

Synonyms LGALS9; lectin, galactoside-binding, soluble, 9; galectin-9; galectin 9; LGALS9A; gal-9; ecalectin; tumor antigen HOM-HD-21; urate transporter/channel protein; HUAT; MGC117375; MGC125973; MGC125974;

Gene ID [3965](#)

mRNA Refseq [NM_002308](#)

Protein Refseq [NP_002299](#)

MIM [601879](#)

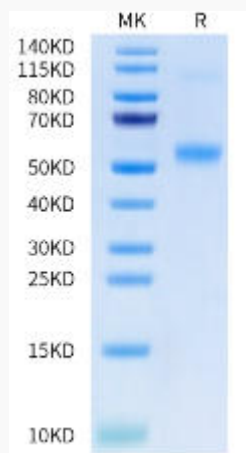
UniProt ID [O00182](#)

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Bis-Tris PAGE



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