

Mouse Galectin 3 Protein

Cat. No. GLT-MM103

Description

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| Source | Recombinant Mouse Galectin 3 Protein is expressed from HEK293 with His tag at the C-Terminus. It contains Ala2-Ile264. |
| Accession | P16110 |
| Molecular Weight | The protein has a predicted MW of 28.5 kDa. Due to glycosylation, the protein migrates to 43-50 kDa based on Bis-Tris PAGE result. |
| Endotoxin | Less than 1 EU per μg by the LAL method. |
| Purity | > 95% as determined by Bis-Tris PAGE |

Formulation and Storage

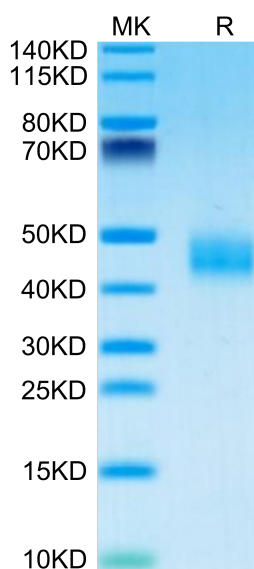
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| Formulation | Lyophilized from 0.22 μm filtered solution in PBS, 300 mM L-arginine (pH 7.4). Normally 8% trehalose is added as protectant before lyophilization. |
| Reconstitution | Centrifuge the tube before opening. Reconstituting to a concentration more than 100 $\mu\text{g}/\text{ml}$ is recommended. Dissolve the lyophilized protein in distilled water. |
| Storage | -20 to -80°C for 12 months as supplied from date of receipt. -80°C for 3-6 months after reconstitution. 2-8°C for 2-7 days after reconstitution. Recommend to aliquot the protein into smaller quantities for optimal storage. Please minimize freeze-thaw cycles. |

Background

Galectin-3 (Gal-3) is a 30 kDa β -galactose, highly conserved and widely distributed intracellularly and extracellularly. Gal-3 has been demonstrated in recent years to be a novel inflammatory factor participating in the process of intravascular inflammation, lipid endocytosis, macrophage activation, cellular proliferation, monocyte chemotaxis, and cell adhesion.

Assay Data

Bis-Tris PAGE



Mouse Galectin 3 on Bis-Tris PAGE under reduced condition. The purity is greater than 95%.