antibodies

# Datasheet for ABIN7274752 Galectin 3 Protein (LGALS3) (AA 2-264) (His tag)





Overview

Quantity:	100 µg
Target:	Galectin 3 (LGALS3)
Protein Characteristics:	AA 2-264
Origin:	Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This Galectin 3 protein is labelled with His tag.

### Product Details

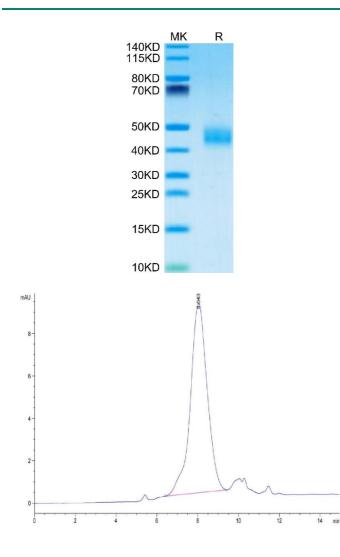
Purpose:	Mouse Galectin 3 Protein
Sequence:	Ala2-Ile264
Characteristics:	Recombinant Mouse Galectin 3 Protein is expressed from HEK293 with His tag at the C- Terminus.It contains Ala2-Ile264.
Purity:	> 95 % as determined by Tris-Bis PAGE
Sterility:	0.22 µm filtered
Endotoxin Level:	Less than 1EU per $\mu$ g by the LAL method.

#### Target Details

Target:	Galectin 3 (LGALS3)
Alternative Name:	Galectin-3 (LGALS3 Products)

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Target Details	
Target Type:	Chemical
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.
Molecular Weight:	28.5 kDa. Due to glycosylation, the protein migrates to 43-50 kDa based on Tris-Bis PAGE result.
UniProt:	P16110
Pathways:	RTK Signaling
Application Details	
Restrictions:	For Research Use only
Handling	
Format:	Lyophilized
Reconstitution:	Centrifuge the tube before opening. Reconstituting to a concentration more than 100 $\mu$ g/mL is recommended. Dissolve the lyophilized protein in distilled water.
Buffer:	Lyophilized from 0.22µm filtered solution in PBS, 300 mM L-arginine ( pH 7.4). Normally 8 % trehalose is added as protectant before lyophilization.
Storage:	-20 °C,-80 °C
Storage Comment:	-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.
Expiry Date:	12 months



#### SDS-PAGE

**Image 1.** Mouse Galectin 3 on Tris-Bis PAGE under reduced condition. The purity is greater than 95 % .

## Size-exclusion chromatography-High Pressure Liquid Chromatography

**Image 2.** The purity of Mouse Galectin 3 is greater than 95 % as determined by SEC-HPLC.

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