

Datasheet for ABIN7274751

**Galectin 9 Protein (AA 2-323) (His tag)**[Go to Product page](#)**1** Image

## Overview

Quantity:	100 µg
Target:	Galectin 9 (LGALS9)
Protein Characteristics:	AA 2-323
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This Galectin 9 protein is labelled with His tag.

## Product Details

Purpose:	Human Galectin 9/LGALS9 Protein
Sequence:	Ala2-Thr323
Characteristics:	Recombinant Human Galectin 9/LGALS9 Protein is expressed from HEK293 with His tag at the N-Terminus.It contains Ala2-Thr323.
Purity:	> 95 % as determined by Tris-Bis PAGE
Sterility:	0.22 µm filtered
Endotoxin Level:	Less than 1EU per µg by the LAL method.

## Target Details

Target:	Galectin 9 (LGALS9)
Alternative Name:	Galectin 9 ( <a href="#">LGALS9 Products</a> )

## Target Details

Background:	Galectin-9 is a secreted carbohydrate-binding protein with two lectin domains connected by a linker region. Galectins are a family of proteins defined by their binding specificity for $\beta$ -galactoside sugars, such as N-acetyllactosamine, which can be bound to proteins by either N-linked or O-linked glycosylation..
Molecular Weight:	36.9 kDa. Due to glycosylation, the protein migrates to 60-68 kDa based on Tris-Bis PAGE result.

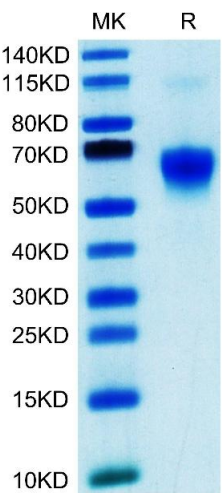
## Application Details

Restrictions:	For Research Use only
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## 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 0.22 $\mu$ m filtered solution in PBS (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

## Images



### SDS-PAGE

**Image 1.** Human Galectin 9 on Tris-Bis PAGE under reduced condition. The purity is greater than 95 %.