Human Galectin 9/LGALS9 Protein

Cat. No. GLT-HM109

Description

Source	Recombinant Human Galectin 9/LGALS9 Protein is expressed from HEK293 with His tag at the N-Terminus.
	It contains Ala2-Thr323.
Accession	O00182-2
Molecular Weight	The protein has a predicted MW of 36.9 kDa. Due to glycosylation, the protein migrates to 60-68 kDa based on Tris-Bis PAGE result.
Endotoxin	Less than 1EU per μg by the LAL method.
Purity	> 95% as determined by Tris-Bis PAGE

Formulation and Storage

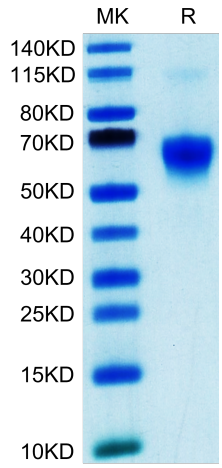
Formulation	Lyophilized from 0.22μm filtered solution in PBS (pH 7.4). Normally 8% trehalose is added as protectant before lyophilization.
Reconstitution	Centrifuge the tube before opening. Reconstituting to a concentration more than 100 μg/ml is recommended. Dissolve the lyophilized protein in distilled water.
Storage	-20 to -80°C for 12 months as supplied from date of receipt. -20 to -80°C for 3-6 months in unopened state 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-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 β-galactoside sugars, such as N-acetyllactosamine , which can be bound to proteins by either N-linked or O-linked glycosylation..

Assay Data

Tris-Bis PAGE



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