

Recombinant Mouse Galectin-2 (Lgals2), N-His

Cat. No.: AP4C181

Product Type: Animal Proteins

Size: 10 µg; 50 µg; 200 µg; 1 mg; 5 mg

Product Overview

BioVenic's Recombinant Mouse Galectin-2 (Lgals2), N-His is a recombinant protein expressed from *E.coli*. Its predicted molecular weight is 16.1 kDa. The purity is >90%.

Specifications

Type	Recombinant Protein
Species	Mouse
Expression System	<i>E.coli</i>
Purity	>90%
Endotoxin	< 1.0 EU/µg
Predicted Molecular Weight	16.1 kDa
Physical State	Lyophilized
Formulation	PBS, pH7.4, containing 0.01% SKL, 5% Trehalose.

Target Information

Mouse Galectin-2 (Lgals2) is a soluble β -galactoside-binding lectin primarily expressed in gastrointestinal epithelial cells. In mice, it enhances the strength of the mucosal layer by binding to mucins, protecting gastrointestinal epithelial cells from damage. Moreover, it regulates inflammatory responses by modulating the release of inflammatory factors such as IL-10 and IL-6.

Protein	Mouse Galectin-2 (Lgals2)
Protein Synonym	Galectin-2; Gal-2; Lgals2
Gene ID	107753
EC No.	Q9CQW5

Shipping and Storage

This product is shipped with ice packs. Lyophilized protein can be stored at -80°C for 1 year. After reconstitution, the protein solution can be stored at 2-8°C for 2-7 days.

User Note

Always centrifuge tubes before opening. Avoid mixing by vortexing or pipetting. Reconstitute in 10 mM PBS (pH7.4) to a concentration of 0.1-1.0 mg/mL. Aliquot the reconstituted solution to minimize freeze-thaw cycles.

The product is for research use only. Not for commercial, prophylactic, diagnostic, or therapeutic applications. Please determine the purpose of the product before purchasing. For further information and inquiry, please contact us.