

## Recombinant Porcine Galectin 3 (LGALS3), N-His

Cat. No.: AP9F34

Product Type: Animal Proteins

Size: 50 µg; 100 µg; 1 mg

### Product Overview

BioVenic's Recombinant Porcine Galectin 3 (LGALS3), N-His is a recombinant protein expressed from *E.coli*. Its predicted molecular weight is 29.0 kDa. The purity is >90% (SDS-PAGE).

### Specifications

Type	Recombinant Protein
Species	Swine
Expression System	<i>E.coli</i>
Purity	>90% (SDS-PAGE)
Predicted Molecular Weight	29.0 kDa
Physical State	Lyophilized
Formulation	10 mM Hepes, 500 mM NaCl with 5% trehalose, pH 7.4.

### Target Information

Galectin 3 is encoded by the *LGALS3* gene in pigs. Research showed that increased galectin 3 is associated with a higher risk of myocardial fibrosis and the risk of sudden cardiac death.

Protein	Porcine Galectin 3 (LGALS3)
Protein Synonym	galectin 3, galectin-3, lectin galactoside-binding soluble 3
Gene ID	<a href="#">100038033</a>

### Shipping and Storage

This product is shipped with dry ice. Avoid repeated freezing and thawing. Store at -20°C or -80°C.

### User Note

Always centrifuge tubes before opening. Avoid mixing by vortexing or pipetting. Reconstitute in sterile distilled water or other buffer to a concentration of 0.1-1 mg/mL. Aliquote the reconstituted solution to minimise freeze-thaw cycles.

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## Reference

Sherpa, M. D. *et al.* Galectin-3 is associated with cardiac fibrosis and an increased risk of sudden death. *Cells*. 2023, 12: 1218.

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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.