

## Recombinant Swine Galectin-2 (LGALS2), N-His

Cat. No.: AP9C931

Product Type: Animal Proteins

Size: 50 µg; 100 µg; 200 µg; 500 µg; 1 mg; 5 mg

### Product Overview

BioVenic's Recombinant Swine Galectin-2 (LGALS2), N-His is a recombinant protein expressed from *E.coli*. Its predicted molecular weight is 16.5 kDa. The purity is >95% (SDS-PAGE).

### Specifications

|                            |                                                                                                             |
|----------------------------|-------------------------------------------------------------------------------------------------------------|
| Type                       | Recombinant Protein                                                                                         |
| Species                    | Swine                                                                                                       |
| Expression System          | <i>E.coli</i>                                                                                               |
| Purity                     | >95% (SDS-PAGE)                                                                                             |
| Predicted Molecular Weight | 16.5 kDa                                                                                                    |
| Physical State             | Lyophilized                                                                                                 |
| Formulation                | The buffer before lyophilization is PBS, pH7.4, containing 0.01% SKL, 1mM DTT, 5% Trehalose and Proclin300. |

### Target Information

Swine galectin 2 is a member of the galectin family, which are  $\beta$ -galactoside-binding proteins known for their role in cell adhesion, migration, and immune response. In swine, Galectin 2 is predominantly expressed in the gastrointestinal tract and plays a role in maintaining the integrity of the epithelial layer and in modulating inflammation and immune responses.

|                 |                                                                                                                                        |
|-----------------|----------------------------------------------------------------------------------------------------------------------------------------|
| Protein         | Swine Galectin-2 (LGALS2)                                                                                                              |
| Protein Synonym | LGALS2; HL14; Lectin; Galactoside-Binding Soluble 2; Beta-galactoside-binding lectin L-14-II; Lactose-binding lectin 2; S-Lac lectin 2 |
| Gene ID         | <a href="#">100217393</a>                                                                                                              |
| UniProt ID      | <a href="#">Q29373</a>                                                                                                                 |

### Shipping and Storage

This product is shipped with dry ice. It is recommended to aliquote as needed and store at -80°C upon receipt. Reconstituted protein solution can be stored at 4°C for 1 week, at < -80°C for 12 months.

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## User Note

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

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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.