

## Recombinant Human Galectin-4 protein(His Tag)

**Catalog Number:** PKSH034184

**Note:** Centrifuge before opening to ensure complete recovery of vial contents.

### Description

|                      |   |
|----------------------|---|
| <b>Species</b>       | Human   |
| <b>Source</b>        | E.coli-derived Human Galectin-4 protein Ala 2-Ile 323, with an N-terminal His                                   |
| <b>Calculated MW</b> | 36.8 kDa  |
| <b>Observed MW</b>   | 37 kDa  |
| <b>Accession</b>     | P56470  |
| <b>Bio-activity</b>  | Measured by its ability to agglutinate human red blood cells. The ED <sub>50</sub> for this effect is <8 µg/mL. |

### Properties

|                       |  |
|-----------------------|--|
| <b>Purity</b>         | > 98 % as determined by reducing SDS-PAGE.   |
| <b>Endotoxin</b>      | < 0.1 EU per µg of the protein as determined by the LAL method.  |
| <b>Storage</b>        | Generally, lyophilized proteins are stable for up to 12 months when stored at -20 to -80 °C. Reconstituted protein solution can be stored at 4-8°C for 2-7 days. Aliquots of reconstituted samples are stable at < -20°C for 3 months. |
| <b>Shipping</b>       | This product is provided as lyophilized powder which is shipped with ice packs.  |
| <b>Formulation</b>    | Lyophilized from sterile PBS, pH 7.4.<br>Normally 5% - 8% trehalose, mannitol and 0.01% Tween 80 are added as protectants before lyophilization.<br>Please refer to the specific buffer information in the printed manual.             |
| <b>Reconstitution</b> | Please refer to the printed manual for detailed information.   |

### Background

Galectin that binds lactose and a related range of sugars. May be involved in the assembly of adherens junctions.

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