

## Product Datasheet

**Name:** Recombinant human Galectin-3 protein

**Description:** Recombinant human Galectin-3 is produced by E.coli expression system and the target gene is expressed.

| Catalog No. | Unit | Usage   | Buffer           |
|-------------|------|---------|------------------|
| bs-41218P   | mg   | Antigen | 0.01M PBS(pH7.4) |

**Host:** E.coli

**Range:** human Galectin-3 (1-250aa)

**MW:** 28kD

**Format:** Liquid

**Concentration:** ≥0.5mg/ml

**Buffer:** 0.01M PBS(pH7.4)

**Purification:** ≥90% (SDS-PAGE)

**Application:** Recommended for sandwich immunoassays in ELISA and CLIA. Each laboratory should determine an optimum working titer for use in its particular application.

**Storage:** Store at -20 °C for one year. Avoid repeated freeze/thaw cycles.

**Background:** Galectin-3 is a protein that in humans is encoded by the LGALS3 gene. Galectin-3 is approximately 30 kDa and, like all galectins, contains a carbohydrate-recognition-binding domain (CRD) of about 130 amino acids that enable the specific binding of β-galactosides. Galectin-3 (Gal-3) is also a member of the beta-galactoside-binding protein family that plays an important role in cell-cell adhesion, cell-matrix interactions, macrophage activation, angiogenesis, metastasis, apoptosis. Galectin-3 is expressed in the nucleus, cytoplasm, mitochondrion, cell surface, and extracellular space.

**Note:** This product as supplied is intended for research or further manufacturing use only.