

# Recombinant Mouse Galectin-1/LGALS1 Protein

RPES3784

## Description

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This high-purity recombinant protein is supplied as a kit for advanced applications. The kit includes Bradford Reagent to quantify total protein concentration for accurate sample normalization (Optional).

## Protein Information

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**SKU:** RPES3784

**Purity:** > 95 % as determined by reducing SDS-PAGE.

**Contents:** 100µg, 20µg  
Bradford Reagent: 1 vial (2ml)

**Concentration:** -

**Species:** Mouse

**Endotoxin:** Please contact us for more information.

**Synonyms:** AA410090, Gal-1, Galbp, L-14.5, L14, Lect14, galectin-1

**Storage:** 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.  
Store Bradford Reagent at Room Temperature for 1 year.

**Tag:** None

**Shipping:** This product is provided as lyophilized powder which is shipped with ice packs.

**Expression Host:** E.coli

**Bio-Activity:** Measured by its ability to agglutinate human red blood cells. The ED50 for this effect is typically 1-5 µg/ml.

**Calculated MW:** 15 kDa

**Formulation:** Lyophilized from sterile PBS, 100mM β-Lactose, pH 7.4 Normally 5% - 8% trehalose, mannitol and 0.01% Tween 80 are added as protectants before lyophilization. Please refer to the specific buffer information in the printed manual.

**Observed MW:** 15 kDa

**Reconstitution:** Please refer to the printed manual for detailed information.

**Manufacturers Statement:** This final kit system is assembled and quality-released by Assay Genie Limited.

**Accession:** P16045

**Source:** E.coli-derived Mouse Galectin-1/LGALS1 protein Met 1-Glu 135

**Sequence:** Met 1-Glu 135

**Form:** Lyophilized powder

**Protein Quantification (Optional):** To quantify total protein levels, use the Bradford Reagent included in this kit. Visit <https://www.assaygenie.com/bradford-protein-assay-protocol/> to view the full protocol

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