

Recombinant Human Galectin-1/LGALS1 Protein (His Tag)

RPES4593

Description

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

SKU: RPES4593

Purity: > 98 % as determined by reducing SDS-PAGE.

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

Concentration: -

Species: Human

Endotoxin: < 0.1 EU per µg of the protein as determined by the LAL method.

Synonyms: 14 kDa Laminin-Binding Protein, 14 kDa Lectin, Beta-Galactoside-Binding Lectin L-14-I, GAL1, GBP, Gal-1, Galaptin, Galectin-1, HBL, HLBP14, HPL, LGALS1, Lactose-Binding Lectin 1, Lectin Galactoside-Binding Soluble 1, Putative MAPK-Activating Protein PM12, S-Lac Lectin 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: N-His

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 <2 µg/mL.

Calculated MW: 15.5 kDa

Formulation: Lyophilized from sterile PBS, 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: P09382

Source: E.coli-derived Human Galectin-1, LGALS1 protein Ala2-Asp135, with an N-terminal His

Sequence: Ala2-Asp135

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.