

Recombinant Human Galectin-3/LGALS3 Protein, Low Endotoxin

RPES4754

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: RPES4754

Purity: > 95 % 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: 35 kDa Lectin, CBP35, Carbohydrate-Binding Protein 35, GAL3, GALBP, GALIG, Gal-3, Galactose-Specific Lectin 3, Galactoside-Binding Protein, Galectin-3, IgE-Binding Protein, L-31, L31, LGALS2, LGALS3, Laminin-Binding Protein, Lectin L-29, MAC2, Mac-2 Antigen, P35

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 chemoattract human PBMC using a concentration range of 2.5-25 µg/mL. Note: Results may vary from different PBMC donors.

Calculated MW: 27 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: 32 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: P17931

Source: E.coli-derived Human Galectin-3, LGALS3 protein Ala 2-Ile 250, with an N-terminal His

Sequence: Ala 2-Ile 250

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.