

Recombinant Human Galectin-3 Protein(Gst Tag)

RPES8086

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: RPES8086

Purity: > 90% as determined by reducing SDS-PAGE.

Contents: 100µg, 20µg, 500µg, 1mg
Bradford Reagent: 1 vial (2ml)

Concentration: -

Species: Human

Endotoxin: < 10 EU/mg of the protein as determined by the LAL method

Synonyms: MAC, Galactose-specific lectin, Galactoside-Binding Soluble, Galectin, Lectin L, GAL, CBP, LGALS3, CBP35, GAL3, GALBP, GALIG, L31, LGALS2, MAC2, Galactoside-Binding Soluble 3, Lectin, Galectin-3, Gal-3, L-31, 35 kDa lectin, CBP 35, Galactose-specific lectin 3, IgE-binding protein, Laminin-binding protein, Lectin L-29, Mac-2 antigen, Carbohydrate binding protein 35, Carbohydrate-binding protein 35, galactose binding, galactoside binding soluble 3, Galactoside-binding protein, galectin 3, Galectin 3 internal gene, Galectin3, GBP, IgE binding protein, included, L 31, L 34, L-34 galactoside-binding lectin, Lectin, Galactoside-Binding Soluble 3, LEG3, MAC 2 antigen, Mac-2, Macrophage galactose-specific lectin, MGC105387, P35, soluble 3

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-GST

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

Expression Host: E.coli

Bio-Activity: Not validated for activity

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

Calculated MW: 53.4 kDa

Formulation: Lyophilized from a 0.2 µm filtered solution in PBS with 5% Trehalose and 5% Mannitol.

Observed MW: 53 kDa

Reconstitution: It is recommended that sterile water be added to the vial to prepare a stock solution of 0.5 mg/mL. Concentration is measured by UV-Vis.

Accession: P17931

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

Source: E.coli-derived Human Galectin-3 protein Ala2-Ile250, with an N-terminal Gst

Sequence: Ala2-Ile250

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

Form: Lyophilized powder