Recombinant Human Galectin-8/LGALS8 Protein

RPES4696

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: RPES4696

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

Species: Human

Synonyms: Gal-8, Galectin-8, LGALS8, PCTA-1, Po66 Carbohydrate-Binding Protein, Po66-CBP, Prostate Carcinoma Tumor Antigen 1

Tag: N-His

Expression Host: E.coli

Calculated MW: 36.6 kDa

Observed MW: 34 kDa

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

Concentration: -

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

Storage: Generally, lyophilized proteins are stable for up to 12 months when stored at -20 to -80 ℃. Reconstituted protein solution can be stored at 4-8℃ for 2-7 days. Aliquots of reconstituted samples are stable at < -20℃ for 3 months.
Store Bradford Reagent at Room Temperature for 1 year.

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

Bio-Activity: Measured by its ability to agglutinate human red blood cells.The ED50 for this effect is <8 µg/mL.

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.

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

Accession: O00214

Source: E.coli-derived Human Galectin-8, LGALS8 protein Met 2-Trp 317, with an N-terminal His

Sequence: Met 2-Trp 317

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.