

# Recombinant Human Mucin-1/MUC-1 (C-Fc-Avi) Biotinylated RPES6307

## 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:** RPES6307

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

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

**Concentration:** -

**Species:** Human

**Endotoxin:** < 1.0 EU per µg of the protein as determined by the LAL method.

**Synonyms:** Breast carcinoma-associated antigen DF3, CA 15-3, Cancer antigen 15-3, Carcinoma-associated mucin, Episialin, H23AG, KL-6, Krebs von den Lungen-6, MUC-1, Mucin-1, PEM, PEMT, PUM, Peanut-reactive urinary mucin, Polymorphic epithelial mucin, Tumor-associated epithelial me

**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:** C-Fc-Avi

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

**Expression Host:** HEK293 Cells

**Bio-Activity:** Not validated for activity

**Calculated MW:** 44.0 kDa

**Formulation:** Lyophilized from a 0.2 µm filtered solution of 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:** 55-75 kDa

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

**Accession:** P15941-11

**Source:** HEK293 Cells-derived Human Mucin-1, MUC-1 protein Pro24-Gly167, with an C- terminal Fc & Avi

**Sequence:** Pro24-Gly167

**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.