

# Recombinant Human EpCAM/TROP-1 Protein (Fc Tag)

RPES2868

## 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:** RPES2868

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

**Contents:** 50µg, 10µg  
Bradford Reagent: 1 vial (2ml)

**Concentration:** -

**Species:** Human

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

**Synonyms:** Adenocarcinoma-Associated Antigen, Cell Surface Glycoprotein Trop-1, EGP314, Ep-CAM, Epithelial Cell Adhesion Molecule, Epithelial Cell Surface Antigen, Epithelial Glycoprotein 314, Major Gastrointestinal Tumor-Associated Protein GA733-2, Tumor-Associated Calcium

**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

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

**Expression Host:** HEK293 Cells

**Bio-Activity:** Immobilized Recombinant Human EpCAM (C-Fc)(RPES2868) at 1µg/ml (100 µl/well) can bind Anti-Human EpCAM Antibody(Human IgG4): Biotinylated by NHS- biotin prior to testing.The ED50 of Anti-Human EpCAM Antibody is 13.82ng/ml.

**Calculated MW:** 54.5 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:** 60-80 kDa

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

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

Human EpCAM (C-Fc) (RPES2868) at 1µg/ml (100 µl/well) can bind Anti-Human EpCAM Antibody(Human IgG4): Biotinylated by NHS-biotin prior to testing.The ED50 of Anti-Human EpCAM Antibody is 13.82ng/ml.

**Accession:** AAH14785.1

**Source:** HEK293 Cells-derived Human EpCAM, TROP-1 protein Gln24-Lys265, with an C- terminal Fc

**Sequence:** Gln24-Lys265

**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.