

# Recombinant Rat CEACAM1/CD66a Protein (His Tag)

RPES6142

## 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:** RPES6142

**Purity:** > 85% as determined by reducing SDS-PAGE.

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

**Concentration:** -

**Species:** Rat

**Endotoxin:** < 1.0 EU/mg of the protein as determined by the LAL method

**Synonyms:** Antigen CD66, BGP 1, Bgp1, Biliary glycoprotein 1, Biliary glycoprotein D, CD66a, CEACAM1, Carcinoembryonic antigen-related cell adhesion molecule 1, MHV-R, MHVR1, Murine hepatitis virus receptor, meconium antigen 100

**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-His

**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:** 42.9 kDa

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

**Observed MW:** 60-80 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:** P16573

**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

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

**Source:** HEK293 Cells-derived Rat  
CEACAM1/CD66a protein Gln35-Ala425,  
with an C- terminal His

**Sequence:** Gln35-Ala425

**Form:** Lyophilized powder

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