

Recombinant Mouse EpCAM/TROP-1 Protein (Fc Tag)

RPES1771

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: RPES1771

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

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

Concentration: -

Species: Mouse

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

Synonyms: CD326, E, EGP, EGP-2, Epithelial cell adhesion molecule, Neurotrophic tyrosine kinase receptor-related 1, ROR1, TROP1, Tumor-associated calcium signal transducer 1, receptor tyrosine kinase-like orphan receptor 1, tyrosine-protein kinase transmembrane receptor ROR1

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 Mouse EpCAM (C-Fc)(RPES1771) 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 25.73ng/ml.

Calculated MW: 54.8 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.

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

Observed MW: 60-80 kDa

Reconstitution: Please refer to the printed manual for detailed information. Immobilized Recombinant Mouse EpCAM (C-Fc) (RPES1771) 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 25.73ng/ml.

Accession: Q99JW5

Source: HEK293 Cells-derived Mouse EpCAM/TROP-1 protein Gln24-Thr266, with an C- terminal Fc

Sequence: Gln24-Thr266

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.