

Recombinant Rat TNFR1/TNFRSF1A Protein (Fc Tag)

RPES0729

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: RPES0729

Purity: > 90 % as determined by reducing SDS-PAGE.

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

Concentration: -

Species: Rat

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

Synonyms: TNFRSF1A, Tnfr-1, Tnfr1

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-hFc

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

Expression Host: HEK293 Cells

Bio-Activity: 1. Measured by its ability to inhibit TNFα-mediated cytotoxicity in L-929 mouse fibroblast cells in the presence of metabolic inhibitor actinomycin D. The ED50 for this effect is typically 3-30 ng/mL in the presence of 0.05 ng/mL of ratTNFα. 2. Immobilized mouse TNFα (80-235) at 10 µg/ml (100 µl/well) can bind rat TNFRSF1A- Fc, The EC50 of rat TNFRSF1A-Fc is 0.08-0.20 µg/ml.

Calculated MW: 47.9 kDa

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.

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

Observed MW: 59 kDa

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

Accession: P22934

Source: HEK293 Cells-derived Rat TNFR1/TNFRSF1A protein Met1-Ala211, with an C- terminal hFc

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

Sequence: Met1-Ala211

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

Form: Lyophilized powder