

# Recombinant Mouse TNFR1/TNFRSF1A Protein (His Tag)

RPES1699

## 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:** RPES1699

**Purity:** > 96 % as determined by reducing SDS-PAGE.

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

**Concentration:** -

**Species:** Mouse

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

**Synonyms:** CD120a, FPF, TNF-R, TNF-R-I, TNF-R1, TNF-R55, TNF-alphaR1, TNFAR, TNFR60, TNFRI, TNFRp55, TNFalpha-R1, Tnfr-2, Tnfr1, p55, p55-R

**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:** 1. Immobilized human TNFα at 10 µg/mL (100 µl/well) can bind biotinylated mouse TNFRSF1A-his. The EC50 of biotinylated mouse TNFRSF1A-his is 0.28 µg/mL. 2. Immobilized mouse TNFα at 10 µg/mL (100 µl/well) can bind biotinylated mouse TNFRSF1A-his. The EC50 of biotinylated mouse TNFRSF1A-his is 0.13 µg/mL. 3. Measured by its ability to inhibit the TNFα-mediated cytotoxicity in the L929 mouse fibrosarcoma cells in the presence of the metabolic inhibitor actinomycin D. The ED50 for this effect is typically 0.5-1.5 µg/mL in the presence of 0.1 ng/mL recombinant mouse TNFα.

**Calculated MW:** 21.8 kDa

**Formulation:** Lyophilized from sterile PBS, pH 7.4  
Normally 5% - 8% trehalose, mannitol and 0.01%

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

Tween 80 are added as protectants before lyophilization. Please refer to the specific buffer information in the printed manual.

**Observed MW:** -

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

**Accession:** NP\_035739.2

**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

**Source:** HEK293 Cells-derived Mouse TNFR1/TNFRSF1A protein Met 1-Ala 212, with an C- terminal His

**Sequence:** Met 1-Ala 212

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

**Form:** Lyophilized powder