

Recombinant Human TNFR1/TNFRSF1A Protein (HEK293 Cells, His Tag)

RPES0309

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: RPES0309

Purity: > 92 % as determined by reducing SDS-PAGE.

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

Concentration: -

Species: Human

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

Synonyms: CD120a, FPF, MS5, TBP1, TNF-R, TNF-R-I, TNF-R55, TNFAR, TNFR1, TNFR1-d2, TNFR55, TNFR60, p55, p55-R, p60

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 TNFR1-His at 10 µg/mL (100 µl/well) can bind biotinylated human TNFα. The EC50 of biotinylated human TNFα is 5-12 µg/mL. 2. Measured by its ability to inhibit TNFα-mediated cytotoxicity in L929 mouse fibrosarcoma cells in the presence of metabolic inhibitor actinomycin D. The ED50 for this effect is typically 0.2-1µg/mL in the presence of 0.25 ng/mL recombinant human TNFα.

Calculated MW: 22.7 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: -

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

Accession: NP_001056.1

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 Human TNFR1/TNFRSF1A protein Met 1-Thr 211, with an C- terminal His

Sequence: Met 1-Thr 211

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

Form: Lyophilized powder