

Recombinant Human TRAIL R4/TNFRSF10D Protein (His Tag)

RPES3394

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: RPES3394

Purity: > 90 % 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: CD264, DCR2, DcR2, Decoy receptor 2, TNF-related apoptosis-inducing ligand receptor 4, TNFRSF10D, TRAIL receptor 4, TRAIL receptor with a truncated death domain, TRAIL-R4, TRAILR4, TRUNDD, Tumor necrosis factor receptor superfamily member 10D

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 TNFRSF10D at 10 µg/ml (100 µl/well) can bind biotinylated TNFSF10 with a linear range of 0.625-40 ng/ml. 2. Measured by its ability to inhibit TRAIL-mediated cytotoxicity using L-929 mouse fibroblast cells treated with TRAIL. The ED50 for this effect is typically 0.05-0.5 µg/mL in the presence of 20 ng/ml Recombinant Human TRAIL/TNFSF10.

Calculated MW: 18.4 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: 30-40 kDa

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

Accession: NP_003831.2

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 Human TRAIL R4/TNFRSF10D protein Met 1-His 211, with an C-terminal His

Sequence: Met 1-His 211

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

Form: Lyophilized powder