

Recombinant Human TNFRSF10A/DR4/TRAIL-R1/CD261 Protein

Catalog No.: RP02082 Recombinant

Sequence Information

Species Gene ID Swiss Prot Human 8797 000220

Tags

C-His

Synonyms

TNFRSF10A;APO2;CD261;DR4;TRAILR-1;T RAILR1

Product Information

Source Purification HFK293 cells > 90% as

HEK293 cells ≥ 90% as determined by SDS-

PAGE.

Calculated MW Observed MW

15.14 kDa 20-25 kDa

Endotoxin

 $< 0.01 \; \text{EU/}\mu\text{g}$ of the protein by LAL method

Formulation

Lyophilized from a 0.22 µm filtered solution of PBS, pH 7.4.

Reconstitution

Centrifuge the tube before opening. Reconstitute to a concentration of 0.1-0.5 mg/mL in sterile distilled water. Avoid vortex or vigorously pipetting the protein. For long term storage, it is recommended to add a carrier protein or stablizer (e.g. 0.1% BSA, 5% HSA, 10% FBS or 5% Trehalose), and aliquot the reconstituted protein solution to minimize free-thaw cycles.

Contact

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Background

Tumor necrosis factor receptor superfamily member 10A (TNFRSF10A) is also known as TNF-related apoptosis-inducing ligand receptor 1 (TRAIL-R1), Death receptor 4 (DR4), CD261 and APO2, which belongs to TNF superfamily. The expression of apoptosis-inducing TRAIL-R1 and TRAIL-R2 and of the decoy receptors TRAIL-R3 and TRAIL-R4 was systematically studied in all developmental stages of peripheral B cells isolated from the blood and secondary lymphoid organs. Expression of TRAIL-Rs is modulated along development, with highest levels observed in germinal center B cells.

Basic Information

Description

Recombinant Human TNFRSF10A/DR4/TRAIL-R1/CD261 Protein is produced by Expi293 expression system. The target protein is expressed with sequence (Ala109-Asn239) of Human TRAIL R1 / DR4 / TNFRSF10A fused with His tag at the C-terminal.

Bio-Activity

Shipping

The product is shipped at ambient temperature. Upon receipt, store it immediately at the temperature recommended below.

Storage

Store at -20°C. Store the lyophilized protein at -20°C to -80 °C up to 1 year from the date of receipt.

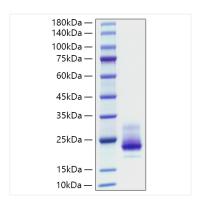
After reconstitution, the protein solution is stable at -20°C for 3 months, at 2-8°C for up to 1 week.

Avoid repeated freeze/thaw cycles.

Operational Notes

For your safety and health, please wear a lab coat and disposable gloves for handling.

Validation Data



Recombinant Human TNFRSF10A/DR4/TRAIL-R1/CD261 Protein was determined by SDS-PAGE under reducing conditions with Coomassie Blue.