

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

Catalog No.: RP02082 **Recombinant**

## Sequence Information

Species	Gene ID	Swiss Prot
Human	8797	O00220

### Tags

C-His

### Synonyms

TNFRSF10A;APO2;CD261;DR4;TRAILR-1;TRAILR1

## Product Information

Source	Purification
HEK293 cells	> 95% by Tris-Bis PAGE;> 95% by SEC-HPLC

Calculated MW	Observed MW
15.14 kDa	20-25 kDa

### Endotoxin

< 0.01 EU/μg

### 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 stabilizer (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.

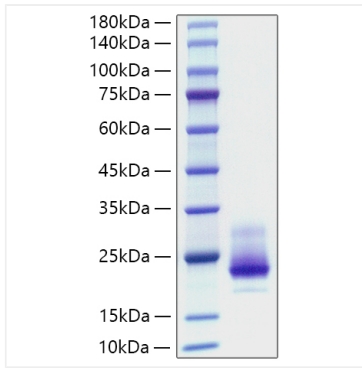
### Bio-Activity

#### 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.

## Validation Data

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Recombinant Human TRAIL-R1/CD261  
Protein was determined by SDS-PAGE with  
Coomassie Blue, showing a band at 15-25  
kDa.