

# Biotinylated Recombinant Human TRAIL-R2/CD262 Protein

Catalog No.: RP02085B **Recombinant**

## Sequence Information

Species	Gene ID	Swiss Prot
Human	8795	O14763

### Tags

C-His&Avi

### Synonyms

CD262;DR5;KILLER;KILLER/DR5;TRAIL-R2;TRAILR2;TRICK2;TRICK2A;TRICK2B;TRICKB;ZTNFR9;TNFRSF10B

## Product Information

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

### Endotoxin

< 1 EU/μg of the protein by LAL method.

### Formulation

Lyophilized from a 0.22 μm filtered solution of PBS, pH 7.4. Normally 8% trehalose is added as protectant before lyophilization. Contact us for customized product form or formulation.

### 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

☎ | 400-999-6126

✉ | [cn.market@abclonal.com.cn](mailto:cn.market@abclonal.com.cn)

🌐 | [www.abclonal.com.cn](http://www.abclonal.com.cn)

## Background

DR5, also called TRAIL R2, TRICK 2, TNFRSF10B, and MK is a type 1 TNF R superfamily, membrane protein which is a receptor for TRAIL (APO2 ligand). DR5 is a receptor for the cytotoxic ligand TNFSF10/TRAIL. The resulting death-inducing signaling complex (DISC) performs caspase-8 proteolytic activation which initiates the subsequent cascade of caspases (aspartate-specific cysteine proteases) mediating apoptosis.

## Basic Information

### Description

Biotinylated Recombinant Human TRAIL R2 / DR5 / TNFRSF10B Protein is produced by Expi293 expression system. The target protein is expressed with sequence (Ile56-Glu182) of Human TRAIL R2 / DR5 / TNFRSF10B fused with His tag and Avi tag at the C-terminal.

### Bio-Activity

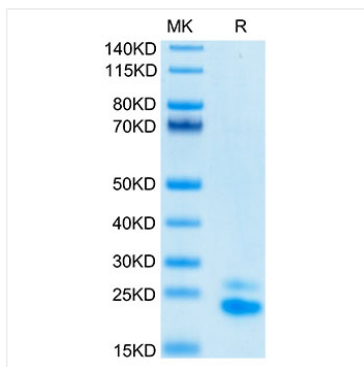
#### Storage

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

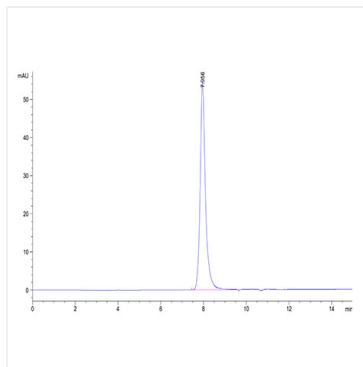
After reconstitution, the protein solution is stable at -20°C for 3 months, at 2-8°C for up to 1 week.

Avoid repeated freeze/thaw cycles.

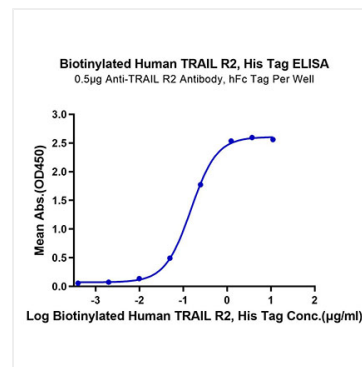
## Validation Data



Biotinylated Human TRAIL R2 on Tris-Bis PAGE under reduced conditions. The purity is greater than 95%.



The purity of Biotinylated Human TRAIL R2 is greater than 95% as determined by SEC-HPLC.



Immobilized Anti-TRAIL R2 Antibody, hFc Tag at 5µg/ml (100µl/well) on the plate. Dose response curve for Biotinylated Human TRAIL R2, His Tag with the EC<sub>50</sub> of 0.1µg/ml determined by ELISA.