

# Recombinant Human TNFRSF10C/TRAIL R3 Protein

Catalog No.: RP00805 **Recombinant**

## Sequence Information

Species	Gene ID	Swiss Prot
Human	8794	O14798

**Tags**  
C-6×His

**Synonyms**  
TNFRSF10C; CD263; DCR1; DCR1-TNFR; LIT; TRAIL-R3; TRAILR3; TRID

## Product Information

Source	Purification
HEK293 cells	> 95% by SDS-PAGE.

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

**Formulation**  
Lyophilized from a 0.2 μm filtered solution of 20mM PB, 150mM NaCl, pH 7.2. 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

Tumor Necrosis Factor Receptor Superfamily Member 10C (TNFRSF10C) is a glycosyl-phosphatidylinositol-linked membraneprotein which binds TRAIL with high affinity. TNFRSF10C has the TRAIL-binding extracellular cysteine-rich domains, lacks the intracellular signaling domain. As a result, binding of TRAIL to TRAIL R3 doesn't transduce an apoptosis signal. The expression of TRAIL R3 gene has been shown to protect cells bearing TRAIL R1 and/or TRAIL R2 from TRAIL-induced apoptosis.

## Basic Information

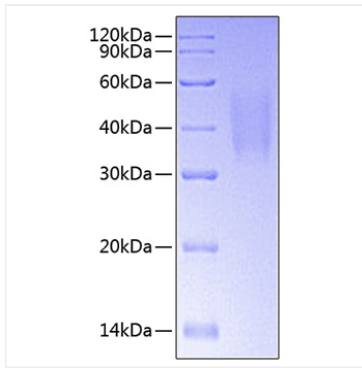
**Description**  
Recombinant Human TNFRSF10C/TRAIL R3 Protein is produced by Human cells expression system. The target protein is expressed with sequence (Ala26-Ala221) of human TNFRSF10C/TRAIL R3 (Accession #O14798) fused with a 6×His tag at the C-terminus.

## 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 TNFRSF10C/TRAIL R3 Protein was determined by SDS-PAGE under reducing conditions with Coomassie Blue.