

Recombinant Human TNFRSF10C/DcR1/TRAIL-R3/CD263 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.

Calculated MW	Observed MW
21.78 kDa	38-58 kDa

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.

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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.

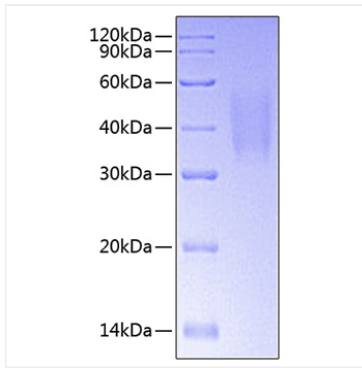
Basic Information

Description
Recombinant Human TNFRSF10C/DcR1/TRAIL-R3/CD263 Protein is produced by Human cells expression system. The target protein is expressed with sequence (Ala26-Ala221) of human TNFRSF10C/DcR1/TRAIL-R3/CD263 (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



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