Recombinant Human TNFRSF10D/DcR2/TRAIL-R4 /CD264 Protein

Catalog No.: RP00992

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Sequence Information

Species
Human

Gene ID
8793

Swiss Prot
Q9UBN6

Tags
C-hFc&His

Synonyms
CD264, DCR2, TRAIL-R4, TRAILR4, TRUNDD,TNFRSF10D,DCR2,TRAIL-R4,TRAILR4,TRUNDD

Product Information

Source
HEK293 cells

Purification
≥ 95 % as determined by SDS-PAGE.

Calculated MW
43.59 kDa

Observed MW
60-70 kDa

Endotoxin
< 0.1 EU/μg of the protein by LAL method.

Formulation
Lyophilized from a 0.22 μm filtered solution of PBS, pH 7.4.Contact us for customized product form or formulation.

Reconstitution
Centrifuge the vial 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.

Background

Basic Information

Description
Active Recombinant Human TNFRSF10D/DcR2/TRAIL-R4 Protein is produced by HEK293 cells expression system. The target protein is expressed with sequence (Ala 56 - His 211) of human DcR2 (Accession #NP_003831.2) fused with an Fc, 6×His tag at the C-terminus.

Activity
1.Measured by its binding ability in a functional ELISA. Immobilized Recombinant Human TRAIL at 2 μg/mL (100 μL/well) can bind Recombinant Human DcR2 with a linear range of 15-60 ng/mL.
2.Measured by its ability to inhibit TRAIL-mediated cytotoxicity using L-929 mouse fibroblast cells treated with TRAIL. The ED_{50} for this effect is 1.8-7.2 ng /mL in the presence of 20 ng/mL Recombinant Human TRAIL/TNFSF10.

Shipping
Lyophilized proteins are shipped at ambient temperature.
Liquid proteins are shipped at frozen temperature with dry ice.
Upon receipt, store it immediately at the temperature recommended below.

Storage
Store at -20℃

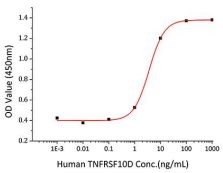
Operational Notes
For your safety and health, please wear a lab coat and disposable gloves for handling.

Contact

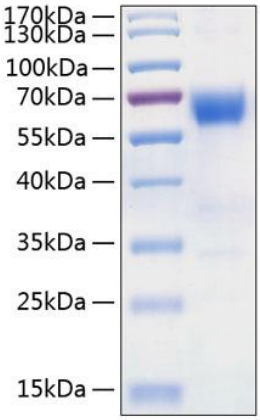
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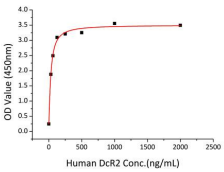
Validation Data



Recombinant Human TNFRSF10D inhibit TRAIL-mediated cytotoxicity using L-929 mouse fibroblast cells treated with TRAIL. The ED_{50} for this effect is 1.8-7.2 ng/mL in the presence of 20 ng/mL Recombinant Human TRAIL/TNFSF10.



Recombinant Human TNFRSF10D/DcR2/TRAIL-R4/CD264 Protein was determined by SDS-PAGE under reducing conditions with Coomassie Blue.



Immobilized Recombinant Human TRAIL at 2μg/mL (100 μL/well) can bind Recombinant Human DcR2 with a linear range of 15-60 ng/mL.