

Active Recombinant Human TNFRSF10B protein, His-tagged

Cat. No. TNFRSF10B-2350H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human TNFRSF10B protein(Ile56-Glu182), fused with C-terminal His tag, was expressed in HEK293.
Species	Human
Source	HEK293
ProteinLength	56-182 aa
Form	Lyophilized from a 0.22 µm filtered solution of PBS, pH 7.4.
Bio-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 DR5 with a linear range of 14-56 ng/mL. 2. Measured by its ability to inhibit TRAIL-mediated cytotoxicity using L-929 mouse fibroblast cells treated with TRAIL. The ED50 for this effect is 0.38-1.5 pg/mL in the presence of 20 ng/mL Recombinant Human TRAIL/TNFSF10. 3. Measured by its binding ability in a functional ELISA. Immobilized Human TRAIL / TNFSF10 Protein at 2µg/mL (100 µL/well) can bind Human CD262 Protein with a linear range of 0.5-14.1 ng/mL.
Molecular Mass	15.13 kDa
Endotoxin	< 0.1 EU/µg of the protein by LAL method.
Purity	≥ 90 % as determined by SDS-PAGE.

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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.

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 stabilizer (e.g. 0.1% BSA, 5% HSA, 10% FBS or 5% Trehalose), and aliquot the reconstituted protein solution to minimize free-thaw cycles.

GENE INFORMATION

Gene Name TNFRSF10B tumor necrosis factor receptor superfamily, member 10b [Homo sapiens]

Official Symbol TNFRSF10B

Synonyms TNFRSF10B; tumor necrosis factor receptor superfamily, member 10b; tumor necrosis factor receptor superfamily member 10B; CD262; DR5; KILLER; TRAIL R2; TRICK2A; TRICKB; Fas-like protein; death receptor 5; cytotoxic TRAIL receptor-2; apoptosis inducing receptor TRAIL-R2; apoptosis inducing protein TRICK2A/2B; TNF-related apoptosis-inducing ligand receptor 2; death domain containing receptor for TRAIL/Apo-2L; tumor necrosis factor receptor-like protein ZTNFR9; p53-regulated DNA damage-inducible cell death receptor(killer); TRICK2; ZTNFR9; TRAILR2; TRICK2B; TRAIL-R2; KILLER/DR5;

Gene ID 8795

mRNA Refseq NM_003842

Protein Refseq NP_003833

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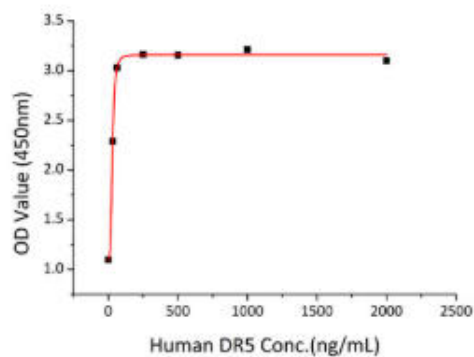
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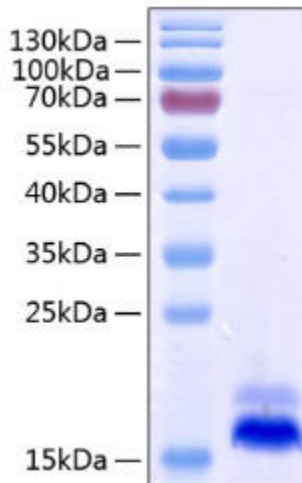
MIM 603612

UniProt ID O14763

Activity



SDS-PAGE



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