

Active Recombinant Human TNFRSF10A, Fc-tagged

Cat. No. TNFRSF10A-524H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	The extracellular domain of human TRAIL-R1 (aa 24-239) is fused to the Fc portion of human IgG1.
Species	Human
Source	HEK293
Description	TRAIL-R1 (DR4; CD261) is a receptor for the cytotoxic ligand TRAIL. The adapter molecule FADD recruits caspase-8 to the activated receptor. 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. Promotes the activation of NF-kappaB.
Form	Lyophilized. Contains PBS.
Bio-activity	Blocks human or mouse TRAIL activity in a concentration of 1-10µg/ml.
Molecular Mass	~52kDa (SDS-PAGE)
Purity	≥95% (SDS-PAGE)
Stability	Stable for at least 6 months after receipt when stored at -20°C.
Storage	Short Term Storage: +4°C; Long Term Storage: -20°C. After reconstitution, prepare aliquots and store at -20°C. Avoid freeze/thaw cycles. PBS containing at least 0.1%

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BSA should be used for further dilutions.

Concentration 1mg/ml after reconstitution.

GENE INFORMATION

Gene Name TNFRSF10A tumor necrosis factor receptor superfamily, member 10a [Homo sapiens]

Official Symbol TNFRSF10A

Synonyms TNFRSF10A; tumor necrosis factor receptor superfamily, member 10a; tumor necrosis factor receptor superfamily member 10A; Apo2; CD261; DR4; TRAILR 1; TRAIL-R1; TRAIL receptor 1; death receptor 4; cytotoxic TRAIL receptor; TNF-related apoptosis-inducing ligand receptor 1; tumor necrosis factor receptor superfamily member 10a variant 2; APO2; TRAILR1; TRAILR-1; MGC9365;

Gene ID 8797

mRNA Refseq NM_003844

Protein Refseq NP_003835

MIM 603611

UniProt ID O00220

Chromosome Location 8p21

Pathway Apoptosis, organism-specific biosystem; Apoptosis, conserved biosystem; Cytokine-

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cytokine receptor interaction, organism-specific biosystem; Cytokine-cytokine receptor interaction, conserved biosystem; Direct p53 effectors, organism-specific biosystem; Influenza A, organism-specific biosystem; Influenza A, conserved biosystem;

Function

TRAIL binding; death receptor activity; protein binding; receptor activity; transcription factor binding;

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