Active Recombinant Human TNFRSF10C, Fc-tagged, Biotinylated

Cat. No. TNFRSF10C-594H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	The recombinant human DcR1-Fc fusion is expressed as a 438 amino acid protein consisting of Ala26 - Pro235 region of DcR1 (UniProt accession #O14798) and a C-terminal Fc from human IgG1, which exists as a dimer under non-reducing conditions.
Species	Human
Source	Human Cells
ProteinLength	26-235 a.a.
Form	Supplied at 0.5 mg/ml in sterile PBS pH7.4 (carrier & preservative free). The purified recombinant protein was labeled with Biotin (3-5 Biotin per molecule).
Bio-activity	Binds to its ligand human TRAIL and inhibits TRAIL-mediated signaling activity including TRAIL-induced cytotoxicity in L-929 mouse fibroblast cells.
Molecular Mass	Calculated molecular mass (kDa): 47.7; Estimated by SDS-PAGE under reducing condition (kDa): 65-75
Endotoxin	<0.1 eu per 1 μg of purified recombinant protein determined by the
Purity	>95% judged by SDS-PAGE under reducing condition
Storage	The product is shipped at 4°C. Upon receipt, centrifuge the product briefly before

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	opening the vial. It is recommended to store small aliquots at the temperature below –20°C for long-term storage and the product is stable for 3 months. The undiluted protein can be stored at 4°C for no more than 2 weeks. Avoid repeated freeze-thaw cycles.
Conjugation	Biotin

GENE INFORMATION

Gene Name	TNFRSF10C tumor necrosis factor receptor superfamily, member 10c, decoy without an intracellular domain [Homo sapiens]
Official Symbol	TNFRSF10C
Synonyms	TNFRSF10C; tumor necrosis factor receptor superfamily, member 10c, decoy without an intracellular domain; tumor necrosis factor receptor superfamily member 10C; CD263; DcR1; LIT; TRAILR3; TRID; decoy receptor 1; cytotoxic TRAIL receptor-3; lymphocyte inhibitor of TRAIL; decoy TRAIL receptor without death domain; antagonist decoy receptor for TRAIL/Apo-2L; TNF-related apoptosis-inducing ligand receptor 3; DCR1; TRAIL-R3; DCR1-TNFR; MGC149501; MGC149502;
Gene ID	8794
mRNA Refseq	NM_003841
Protein Refseq	NP_003832
MIM	603613
UniProt ID	O14798

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Chromosome Location	8p22-p21
Pathway	Apoptosis, organism-specific biosystem; Apoptosis, conserved biosystem; Cytokine-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; binding; receptor activity; transmembrane signaling receptor activity;

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