

Active Recombinant Human TNFRSF10D, Fc-tagged

Cat. No. TNFRSF10D-563H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	The recombinant human DcR2-Fc fusion is expressed as a 382 amino acid protein consisting of Ala56 - Pro209 region of DcR2 (UniProt accession #Q9UBN6) and a C-terminal Fc from human IgG1, which exists as a dimer under non-reducing conditions.
Species	Human
Source	Human Cells
ProteinLength	56-209 a.a.
Form	Supplied at 0.5 mg/ml in sterile PBS pH7.4 (carrier and preservative free)
Bio-activity	Binds to its ligand human TRAIL and inhibits TRAIL-mediated signaling activity including TRAIL--induced cytotoxicity
Molecular Mass	Calculated molecular mass (kDa): 42.1; Estimated by SDS-PAGE under reducing condition (kDa): 50-60
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 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

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protein can be stored at 4°C for no more than 2 weeks. Avoid repeated freeze-thaw cycles.

GENE INFORMATION

Gene Name	TNFRSF10D tumor necrosis factor receptor superfamily, member 10d, decoy with truncated death domain [Homo sapiens]
Official Symbol	TNFRSF10D
Synonyms	TNFRSF10D; tumor necrosis factor receptor superfamily, member 10d, decoy with truncated death domain; tumor necrosis factor receptor superfamily member 10D; CD264; DcR2; TRAILR4; TRUNDD; TRAIL receptor 4; decoy receptor 2; decoy with truncated death domain; TNF receptor-related receptor for TRAIL; TRAIL receptor with a truncated death domain; TNF-related apoptosis-inducing ligand receptor 4; DCR2; TRAIL-R4;
Gene ID	8793
mRNA Refseq	NM_003840
Protein Refseq	NP_003831
MIM	603614
UniProt ID	Q9UBN6
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; binding; receptor activity; transmembrane signaling receptor activity;

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