

Recombinant Human TNFRSF10D

Cat. No. TNFRSF10D-1693H **Lot. No.** (See product label)

SPECIFICATION

Product Overview

Species	Human
Source	Mammalian Cells
Description	TNF-related apoptosis-inducing ligand receptor 4 (TRAIL R4) is a decoy receptor that negatively regulate TRAIL-induced cytotoxicity by competing for ligand binding with TRAIL-R1 and TRAIL-R2.1 TRAIL R4 is expressed mainly on CD8+ and NK cells and induces apoptosis in many tumour cells, but not in normal cells. TRAIL-R4 contains partially truncated death domain and therefore is unable to induce apoptosis and serves as a negative regulator of apoptotic signaling by impairment death-inducing signaling complex (DISC) processing.
Molecular Weight	The predicted molecular weight of Recombinant Human TRAIL R4 is Mr 44.2 kDa. However, the actual molecular weight as observed by migration on SDS Page is Mr 70-80 kDa.
State Of Matter	Lyophilized.
Purity	>95% by SDS Page and analyzed by silver stain.
Endotoxin	<1.0 EU/g as determined by the LAL method.
Storage And Stability	This lyophilized protein is stable for six to twelve months when stored desiccated at -

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20°C to -70°C. After aseptic reconstitution, this protein may be stored at 2°C to 8°C for one month or at -20°C to -70°C in a manual defrost freezer. Avoid Repeated Freeze Thaw Cycles. See Product Insert for exact lot specific storage instructions.

GENE INFORMATION

Gene Name	TNFRSF10D tumor necrosis factor receptor superfamily, member 10d, decoy with truncated death domain [Homo sapiens]
Synonyms	TNFRSF10D; tumor necrosis factor receptor superfamily, member 10d, decoy with truncated death domain; DCR2; CD264; TRUNDD; TRAILR4; tumor necrosis factor receptor superfamily, member 10d; TRAIL receptor 4; decoy receptor 2; decoy with truncated death domain; TNF receptor-related receptor for TRAIL; TRAIL receptor with a truncated death domain; DcR2; TRAIL-R4; CD264 antigen; TNF-related apoptosis-inducing ligand receptor 4
Gene ID	8793
mRNA Refseq	NM_003840
Protein Refseq	NP_003831
MIM	603614
UniProt ID	Q9UBN6
Chromosome Location	8p21
Pathway	Apoptosis; Cytokine-cytokine receptor interaction; Natural killer cell mediated

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	cytotoxicity
Function	protein binding; transmembrane receptor activity

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