

Recombinant Human TRAIL-R1, Fc Chimera

Cat. No. TNFRSF10A-49H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Produced in HEK 293 cells. The extracellular domain of human TRAIL-R1 (aa 1 - 238) is fused to the Fc portion of human IgG1.
Species	Human
Source	HEK293
ProteinLength	1-238 a.a.
Description	DR4 is a transmembrane protein, also called TRAIL receptor 1 (TRAIL-R1). The ligand for this DR4 death receptor has been identified and termed TRAIL, which is a member of the TNF family. DR4, as many other receptors (Fas, TNFR1, etc.), mediates apoptosis and NF kappaB activation in many cells and tissues. Apoptosis, a programmed cell death, is a operating process in normal cellular differentiation and development of multicellular organisms. Apoptosis is induced by coupled of certain cytokines (TNF family - TNF, Fas ligand) and their death domain containing receptors (TNFR1, Fas receptor).
Notes	Indicated dilutions are recommended starting points for use of this product. Working concentrations should be determined by the investigator.

GENE INFORMATION

Gene Name	TNFRSF10A tumor necrosis factor receptor superfamily, member 10a [Homo sapiens]
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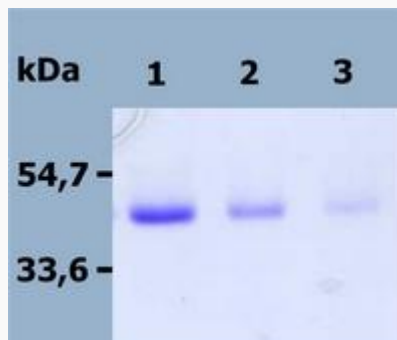
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Official Symbol	TNFRSF10A
Synonyms	TNFRSF10A; tumor necrosis factor receptor superfamily, member 10a; tumor necrosis factor receptor superfamily member 10A; Apo2; CD261; DR4; TRAILR 1; TRAIL-R1; TRAIL receptor 1; death receptor 4; cytotoxic TRAIL receptor; 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-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;

SDS-PAGE

Electrophoresis of
Recombinant Human
TRAIL-R1, Fc
Chimera .Lane 1 to 3:
Recombinant Human
TRAIL-R1, Fc
Chimera . Staining
with Coomassie
Blue.



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