

Active Recombinant Human TNFRSF10A, Fc Chimera

Cat. No. TNFRSF10A-249H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human TNFRSF10A (Accession # AAC51226) was produced in Chinese Hamster Ovary cell line, CHO-derived.
Species	Human
Source	CHO
Predicted N Terminal	Ala109
Form	Lyophilized from a 0.2 µ filtered solution in PBS.
Bio-activity	Measured by its ability to inhibit TRAIL-mediated cytotoxicity using L-929 mouse fibroblast cells treated with TRAIL. The ED50 for this effect is typically 0.25 - 1.25 ng/mL in the presence of 6 ng/mL of Recombinant Human TRAIL/TNFSF10.
Molecular Mass	Recombinant Human TNFRSF10A, Fc Chimera has a calculated MW of 40.9 kDa (monomer). In SDS-PAGE migrates as 50-55 kDa, reducing conditions.
Purity	>95%, by SDS-PAGE under reducing conditions and visualized by silver stain.
Storage	Avoid repeated freeze-thaw cycles. No activity loss was observed after storage at: In lyophilized state for 1 year (4°C); After reconstitution under sterile conditions for 3 months (-70°C).

GENE INFORMATION

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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

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