Active Recombinant Human TNFRSF10B protein, Fc-tagged, FITC-labeled

Cat. No. TNFRSF10B-56H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human TNFRSF10B(aa 52-212) fused with the Fc portion of human IgG1 was expressed in HEK293, FITC conjugate.
Species	Human
Source	HEK293
ProteinLength	52-212 a.a.
Description	The protein encoded by this gene is a member of the TNF-receptor superfamily, and contains an intracellular death domain. This receptor can be activated by tumor necrosis factor-related apoptosis inducing ligand (TNFSF10/TRAIL/APO-2L), and transduces an apoptosis signal. Studies with FADD-deficient mice suggested that FADD, a death domain containing adaptor protein, is required for the apoptosis mediated by this protein. Two transcript variants encoding different isoforms and one non-coding transcript have been found for this gene.
Form	Liquid. In PBS containing 0.02% sodium azide.
Bio-activity	Inhibits human soluble TRAIL-mediated apoptosis.
Molecular Mass	~46kDa (SDS-PAGE).
Endotoxin	<0.1EU/μg purified protein (LAL test; Bio Whittaker).

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Purity	≥95% (SDS-PAGE)
Applications	Flow Cytometry: detection of TRAIL cell surface expression.
Stability	Stable for at least 6 months after receipt when stored at -20 centigrade.
Storage	Long Term Storage: -20 centigrade. Avoid freeze/thaw cycles. After reconstitution, prepare aliquots and store at -20 centigrade.
Concentration	1mg/ml
Conjugation	FITC

GENE INFORMATION

Gene Name	TNFRSF10B tumor necrosis factor receptor superfamily, member 10b [Homo sapiens]
Official Symbol	TNFRSF10B
Synonyms	TNFRSF10B; tumor necrosis factor receptor superfamily, member 10b; tumor necrosis factor receptor superfamily member 10B; CD262; DR5; KILLER; TRAIL R2; TRICK2A; TRICKB; Fas-like protein; death receptor 5; cytotoxic TRAIL receptor-2; apoptosis inducing receptor TRAIL-R2; apoptosis inducing protein TRICK2A/2B; TNF-related apoptosis-inducing ligand receptor 2; death domain containing receptor for TRAIL/Apo-2L; tumor necrosis factor receptor-like protein ZTNFR9; p53-regulated DNA damage-inducible cell death receptor(killer); TRICK2; ZTNFR9; TRAILR2; TRICK2B; TRAIL-R2; KILLER/DR5;
Gene ID	8795

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mRNA Refseq	NM_003842
Protein Refseq	NP_003833
MIM	603612
UniProt ID	O14763
Chromosome Location	8p22-p21
Pathway	Activation of Pro-Caspase 8, organism-specific biosystem; Apoptosis, organism-specific biosystem; Apoptosis, organism-specific biosystem; Apoptosis, conserved biosystem; Apoptosis, organism-specific biosystem; Caspase-8 is formed from procaspase-8, organism-specific biosystem; Cytokine-cytokine receptor interaction, organism-specific biosystem;
Function	TRAIL binding; protein binding; receptor activity;

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