

Active Recombinant Human TNFRSF10A Protein

Cat. No. TNFRSF10A-312H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human TNFRSF10A was expressed in E. coli.
Species	Human
Source	E.coli
Description	The protein encoded by this gene is a member of the TNF-receptor superfamily. This receptor is activated by tumor necrosis factor-related apoptosis inducing ligand (TNFSF10/TRAIL), and thus transduces cell death signal and induces cell apoptosis. Studies with FADD-deficient mice suggested that FADD, a death domain containing adaptor protein, is required for the apoptosis mediated by this protein.
Form	Lyophilized from a 0.2 M filtered solution of 20mM phosphate buffer, 100mM NaCl, pH 7.2
Bio-activity	Measured by its ability to inhibit apoptosis in LN-18 cells. The expected ED50 for this effect is 0.4 -0.5 ug/ml.
Molecular Mass	22.7 kDa
AA Sequence	MSGTGAAAATPSKVGSSAGRIEPRGGGRGALPTSMGQHGPSARARAGRAPGPR PAREASPRLRVHKTFKFVVVGVLQVVPSSAATIKLHDQSIGTQQWEHSPLGELCPP GSHRSERPGACNRCTEGVGYTNASQQLFACLPCTACKSDEEERSPCTTTTRNTACQ CKPGTFRNDNSAEMCRKCSTGCPRGMVKVKDCTPWSIDIECVHKESGNNGHN

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Endotoxin	Endotoxin level is <0.1 ng/g of protein (<1EU/g).
Purity	>95% as determined by SDS-PAGE and Coomassie blue staining
Concentration	Resuspend the protein in the desired concentration in proper buffer
GENE INFORMATION	
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

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