

Recombinant Human TNFRSF10A Protein, Fc-tagged

Cat. No. TNFRSF10A-461H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant human TNFRSF10A protein with Fc tag was expressed in HEK293.
Species	Human
Source	HEK293
ProteinLength	468
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
Molecular Mass	49 kDa
AA Sequence	MAPPPARVHLGAFLAVTPNPGSAASGTEAAAATPSKVGSSAGRIEPRGGGRGAL PTSMGQHGPSARARAGRAPGRPAREASPRLRVHKTFKFVVVGVLQVVPSSAATI KLHDQSIGTQQWEHSPLGELCPPGSHRSEHPGACNRCTEGVGYTNASNNLFACLP CTACKSDEEERSPCTTTRNTACQCKPGTFRNDNSAEMCRKCSRGCPRGMVKVKD CTPWSDIECVHKESGNNGHNIWVILVVTLVVPLLLVAVLIVCCCIGSGCGGDPKCMR VCFWRLGLLRGPAGEDNAHNEILSNADSLSTFVSEQQMESQEPADLTGVTQSPGE AQCLLGPAEAEQSQRRLVPANGADPTETLMLFFDKFANIVPFDSDQLMRQLDL

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	TKNEIDVVRAGTAGPGDALYAMLKWWNKTGRNASIHTLLDALERMEERHAREKIQ DLLVDSGKFIYLEDGTGSAVSLE
Purity	> 98%
Applications	WB; ELISA; FACS; FC
Stability	This bioreagent is stable at 4 centigrade (short-term) and -70 centigrade(long-term). After reconstitution, sample may be stored at 4 centigrade for 2-7 days and below -18 centigrade for future use.
Storage	At -20 centigrade.
Concentration	1 mg/mL
Storage Buffer	PBS (pH 7.4-7.5). Sterile-filtered colorless solution.
Reconstitution	Reconstitute in sterile distilled H2O to no less than 100 µg/mL; dilute reconstituted stock further in other aqueous solutions if needed. Please review COA for lot-specific instructions. Final measurements should be determined by the end-user for optimal performance.

GENE INFORMATION

Gene Name	TNFRSF10A tumor necrosis factor receptor superfamily, member 10a [Homo sapiens (human)]
Official Symbol	TNFRSF10A
Synonyms	TNFRSF10A; tumor necrosis factor receptor superfamily, member 10a; tumor necrosis factor receptor superfamily member 10A; Apo2; CD261; DR4; TRAILR 1;

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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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