

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	MAPPPARVHLGAFLAVTPNPGSAASGTEAAAATPSKVWGSSAGRIEPRGGGRGAL PTSMGQHGPSARARAGRAPGPRPAREASPRLRVHKTFKFVVVGVLLQVVPSSAATI KLHDQSIGTQQWEHSPLGELCPPGSHRSEHPGACNRCTEGVGYTNASNNLFACLP CTACKSDEEERSPCTTTRNTACQCKPGTFRNDNSAEMCRKCSRGCPRGMVKVKD CTPWSDIECVHKESGNHNIWVILVVTLLVPLLLVAVLIVCCCIGSGCGGDPKCMDR VCFWRLGLLRGPAGAEDNAHNEILSNADSLSTFVSEQQMESQEPADLTGVTVQSPGE AQCLLPAAEAEGSQRRRLLVPANGADPTETLMLFFDKFANIVPFDSWDQLMRQLDL

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	TKNEIDVVRAGTAGPGDALYAMLKVVNKTGRNASIHLLDALERMEERHAREKIQ 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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