

Recombinant Human TNFRSF8 Protein, Fc-tagged

Cat. No. TNFRSF8-146H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant human TNFRSF8 protein with Fc tag was expressed in HEK293.
Species	Human
Source	HEK293
ProteinLength	595
Description	The protein encoded by this gene is a member of the TNF-receptor superfamily. This receptor is expressed by activated, but not by resting, T and B cells. TRAF2 and TRAF5 can interact with this receptor, and mediate the signal transduction that leads to the activation of NF-kappaB. This receptor is a positive regulator of apoptosis, and also has been shown to limit the proliferative potential of autoreactive CD8 effector T cells and protect the body against autoimmunity. Two alternatively spliced transcript variants of this gene encoding distinct isoforms have been reported
Form	Lyophilized
Molecular Mass	64.6 kDa
AA Sequence	MRVLLAALGLLFLGALRAFPQDRPFEDTCHGNPSHYDKAVRRCYRCMPGLFPTQ QCPQRPTDCRKQCEPDYYLDEADRCTACVTCSRDDLVEKTPCAWNSSRVCECRP GMFCSTSAVNSCARCFHSHVCPAGMIVKFPGTAKNTVCEPASPGVSPACASPEN CKEPSSGTIPQAKPTPVSPATSSASTMPVRGGTRLAQEAASKLTRAPDSPSSVGRP SSDPGLSPTQPCPEGSGDCRKQCEPDYYLDEAGRCTACVSCSRDDLVEKTPCAW

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NSSRTCECRPGMICATSATNSCARCVYPICAAETVTKPQDMAEKDTTFFAPPLGT
 QPDCNPTPENGEAPASTSPTQSLLVDSQASKTLPIPTSAPVALSSTGKPVLDAGPVL
 FWVILVLVVVVGSSAFLCHRRACRKRIRQKLHLCYPVQTSQPKLELVDSRPRRSST
 QLRSGASVTEPVAEERGLMSQPLMETCHSVGAAYLESPLQDASPAGGPSSPRDL
 PEPRVSTEHTNNKIEKIYIMKADTVIVGTVKAELPEGRGLAGPAEPELEEELEADHTP
 HYPEQETEPPLGSCSDVMLSVEEEGKEDPLPTAASGK

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 TNFRSF8 tumor necrosis factor receptor superfamily, member 8 [Homo sapiens (human)]

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Official Symbol	TNFRSF8
Synonyms	TNFRSF8; tumor necrosis factor receptor superfamily, member 8; CD30, D1S166E; tumor necrosis factor receptor superfamily member 8; KI 1; Ki-1 antigen; CD30L receptor; cytokine receptor CD30; lymphocyte activation antigen CD30; CD30; Ki-1; D1S166E;
Gene ID	943
mRNA Refseq	NM_001243
Protein Refseq	NP_001234
MIM	153243
UniProt ID	P28908

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