

## Recombinant Human TNFRSF8 Protein, His-tagged

**Cat. No.** TNFRSF8-145H    **Lot. No.** (See product label)

### SPECIFICATION

|                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
|-------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Recombinant human TNFRSF8 protein with His tag was expressed in HEK293.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| <b>Species</b>          | Human                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| <b>Source</b>           | HEK293                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| <b>ProteinLength</b>    | 595                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| <b>Description</b>      | 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 |
| <b>Form</b>             | Lyophilized                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| <b>Molecular Mass</b>   | 39.3 kDa                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| <b>AA Sequence</b>      | MRVLLAALGLLFLGALRAFPQDRPFEDTCHGNPSHYD KAVRRCYRCPMGLFPTQ<br>QCPQRPTDCRKQCEPDYYLDEADRCTACVTCSRDDLVEKTPCAWNSSRVCECRP<br>GMFCSTSAVNSCARCFHSHVCPAGMIVKFPGT AQKNTVCEPASPGVSPACASPEN<br>CKEPSSGTIPQAKPTPVSPATSSASTMPVRGGTRLAQEAASKLTRAPDSPSSVGRP<br>SSDPGLSPTQPCPEGSGDCRKQCEPDYYLDEAGRCTACVSCSRDDLVEKTPCAW                                                                                                                                                                                                                                                                                                 |

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NSSRTCECRPGMICATSATNSCARCVYPICAAETVTKPQDMAEKDTTTFEAPPLGT  
 QPDCNPTPENGEAPASTSPTQSLLVDSQASKTLPIPTSAPVALSSTGKPVLDAGPVL  
 FWVILVLVVVGSSAFLCHRRACRKIRQKLHLCYPVQTSQPKLELVDSRPRRSST  
 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 H<sub>2</sub>O 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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|                        |                                                                                                                                                                                                                                                         |
|------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Official Symbol</b> | <a href="#">TNFRSF8</a>                                                                                                                                                                                                                                 |
| <b>Synonyms</b>        | 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; |
| <b>Gene ID</b>         | <a href="#">943</a>                                                                                                                                                                                                                                     |
| <b>mRNA Refseq</b>     | <a href="#">NM_001243</a>                                                                                                                                                                                                                               |
| <b>Protein Refseq</b>  | <a href="#">NP_001234</a>                                                                                                                                                                                                                               |
| <b>MIM</b>             | <a href="#">153243</a>                                                                                                                                                                                                                                  |
| <b>UniProt ID</b>      | <a href="#">P28908</a>                                                                                                                                                                                                                                  |

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