

## Recombinant Human TNFRSF8, His-tagged

**Cat. No.** TNFRSF8-7532H    **Lot. No.** (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant human TNFRSF8 protein, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography techniques.
<b>Species</b>	Human
<b>Source</b>	E.coli
<b>ProteinLength</b>	19-379aa
<b>Antigen Description</b>	TNFRSF8 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 leadsto the activation of NF-kappaB. It 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.
<b>Form</b>	Liquid. In 20mM Tris-HCl buffer (pH 8.0) containing 0.15M NaCl, 10% glycerol, 1mM DTT
<b>Molecular Mass</b>	40.8 kDa (384aa) confirmed by MALDI-TOF(Molecular size on SDS-PAGE will appear higher)
<b>AA Sequence</b>	MGSSHHHHHH SSGLVPRGSH MGSFPQDRPF EDTCHGNPSH YYDKAVRRCC YRCPMGLFPT QQCPQRPTDC RKQCEPDYYL DEADRCTACV TCSRDDLVEK TPCAWNSSRV CECRPGMFCS TSAVNSCARC FFHSVCPAGM IVKFPGTAQK

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NTVCEPASPG VSPACASPEN CKEPSSGTIP QAKPTVSPA TSSASTMPVR  
 GGTRLAQEAA SKLTRAPDSP SSVGRPSSDP GLSPTQPCPE GSGDCRKGCE  
 PDYYLDEAGR CTACVSCSRD DLVEKTPCAW NSSRTCECRP GMICATSATN  
 SCARCVYPI CAAETVTKPQ DMAEKDTTFE APPLGTQPDC NPTPENGEAP  
 ASTSPTQSLI VDSQASKTLP IPTSAPVALS STGK

**Purity** >85% as determined by SDS - PAGE

**Applications** SDS-PAGE

**Storage** Can be stored at 4°C short term (1-2 weeks). For long term storage, aliquot and store at -20°C or -70°C. Avoid repeated freezing and thawing cycles.

**Concentration** 1mg/ml

## GENE INFORMATION

**Gene Name** [TNFRSF8 tumor necrosis factor receptor superfamily, member 8 \[ Homo sapiens \]](#)

**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](#)

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<b>MIM</b>	153243
<b>UniProt ID</b>	P28908
<b>Chromosome Location</b>	1p36
<b>Pathway</b>	Cytokine-cytokine receptor interaction, organism-specific biosystem; Cytokine-cytokine receptor interaction, conserved biosystem; TNF-alpha/NF-kB Signaling Pathway, organism-specific biosystem;
<b>Function</b>	binding; receptor activity; transmembrane signaling receptor activity; tumor necrosis factor-activated receptor activity;

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