

Recombinant Human TNFRSF8 Protein, His-tagged

Cat. No. TNFRSF8-377H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant human TNFRSF8, fused to His-tag at C-terminus, was expressed in insect cell and purified by using conventional chromatography techniques.
Species	Human
Source	Insect Cells
Description	TNFRSF8, also known as Tumor necrosis factor receptor superfamily member 8, is receptor for TNFSF8/CD30L. It may play a role in the regulation of cellular growth and transformation of activated lymphoblasts. Also, this protein regulates gene expression through activation of NF-kappa-B. As a regulator of apoptosis, TNFRSF8 induces cell death or proliferation, depending on the cell type.
Form	Liquid. In Phosphate Buffered Saline (pH 7.4) containing 10% glycerol.
Molecular Mass	39.5kDa (370aa)40-57KDa (SDS-PAGE under reducing conditions.)
AA Sequence	ADFPQDRPF EDTCHGNPSH YYDKAVRRCC YRCPMGLFPT QQCPQRPTDC RKQCEPDYYL DEADRCTACV TCSRDDLVEK TPCAWNSSRV CECRPGMFCS TSAVNSCARC FFHSVCPAGM IVKFPGTAQK NTVCEPASPG VSPACASPEN CKEPSSGTIP QAKPTPVSPA TSSASTMPVR GGTRLAQEAA SKLTRAPDSP SSVGRPSSDP GLSPTQPCPE GSGDCRKQCE PDYYLDEAGR CTACVSCSRD DLVEKTPCAW NSSRTCECRP GMICATSATN SCARCVPIPI CAAETVTKPQ DMAEKDTTFE APPLGTQPDN NPTPENGEAP ASTSPTQSLV VDSQASKTLP IPTSAPVALS STGKHHHHHH

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Endotoxin	< 1.0 EU per 1 microgram of protein (determined by LAL method)
Purity	>95% by SDS - PAGE
Storage	Can be stored at +4 centigrade short term (1-2 weeks). For long term storage, aliquot and store at -20 centigrade or -70 centigrade. Avoid repeated freezing and thawing cycles.
Concentration	1.0mg/ml (determined by Absorbance at 280nm)

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
MIM	153243
UniProt ID	P28908

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Chromosome Location	1p36
Pathway	Cytokine-cytokine receptor interaction, organism-specific biosystem; Cytokine-cytokine receptor interaction, conserved biosystem; TNF-alpha/NF-kB Signaling Pathway, organism-specific biosystem;
Function	binding; receptor activity; transmembrane signaling receptor activity; tumor necrosis factor-activated receptor activity;

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