

Recombinant Human TNFRSF8

Cat. No. TNFRSF8-26927TH Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant fragment of Human CD30 with proprietary tag; Predicted MWt 38.06 kDa inclusive of tag.
Species	Human
Source	Wheat Germ
Protein Length	113 amino acids
Description	<p>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.</p>
Molecular Weight	38.060kDa inclusive of tags
Form	Liquid
Purity	Proprietary Purification
Storage buffer	pH: 8.00 Constituents: 0.79% Tris HCl, 0.31% Glutathione

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Storage	Shipped on dry ice. Upon delivery aliquot and store at -80oC. Avoid freeze / thaw cycles.
Sequences of amino acids	QDRPFEDTCHGNPSHYDKAVRRCCYRCPMGLFPTQQCPQRPTDCRKQCEPDYY LDEADRCTACVTCSRDDLVEKTPCAWNSSRVCECRPGMFCSTSAVNSCARCFHHS VCPA
Sequence Similarities	Contains 6 TNFR-Cys repeats.
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;
Gene ID	943
mRNA Refseq	NM_001243
Protein Refseq	NP_001234
MIM	153243
Uniprot ID	P28908
Chromosome Location	1p36

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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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