

R&D SYSTEMS[®] *h*CD30 Ligand/TNFSF8 VersaClone cDNA

a biotechne[®] brand

Catalog Number: RDC2879

Specifications:

Gene:	<i>h</i> TNFSF8
Accession:	NP_001235
Insert size:	718bp
Concentration:	10µg at 0.2µg/µL

Description

This shuttle vector contains the complete ORF for the gene of interest, along with a Kozak consensus sequence for optimal translation initiation. It is inserted NotI to AscI. The gene insert is flanked with convenient multiple cloning sites which can be used to easily cut and transfer the gene cassette into your desired expression vector.

Preparation and Storage

Formulation cDNA is provided in 10 mM Tris-Cl, pH 8.5
Shipping Ships at ambient temperature
Stability 1 year from date of receipt when stored at -20°C to -80°C
Storage Use a manual defrost freezer and avoid repeated freeze-thaw cycles.

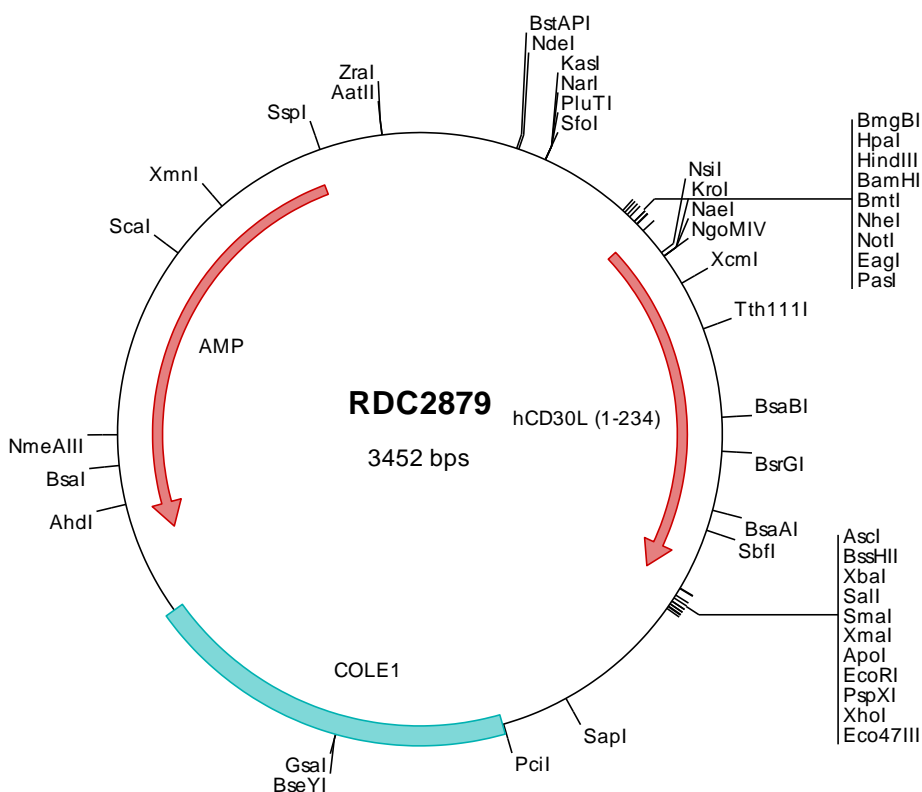
*h*CD30 Ligand/TNFSF8 cDNA Plasmid

TNFSF8 TNF superfamily member 8 [*Homo sapiens* (human)]

Also known as: CD153; CD30L; CD30LG; TNLG3A

Summary:

CD30L is a cytokine that belongs to the tumor necrosis factor (TNF) ligand family. It is a ligand for TNFRSF8/CD30, which is a cell surface antigen and a marker for Hodgkin lymphoma and related hematologic malignancies. The engagement of CD30L expressed on B cell surface plays an inhibitory role in modulating Ig class switch. It was shown to enhance cell proliferation of some lymphoma cell lines, while to induce cell death and reduce cell proliferation of other lymphoma cell lines. The pleiotropic biologic activities of CD30L on different CD30+ lymphoma cell lines may play a pathophysiologic role in Hodgkin's and some non-Hodgkin's lymphomas.



FOR RESEARCH USE ONLY

NOT FOR USE IN HUMANS

> RDC2879 Plasmid DNA Sequence

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1 tcgctgcttt cggatgatgac ggtgaaaacc totgacacat gcagctcccc gagacgggtca cagcttgtct gtaagcggat gccggggagca gacaagcccc
101 tcaggggcgcg tcagcgggtg ttggcgggtg tcggggctgg ctttaactatg cggcatcaga gcagattgta ctgagagtgc accatatgcg gtgtgaaata
201 ccgcacacgat gcgtaaggag aaaataccgc atcaggcgcc attgccatt caggctgcgc aactgttggg aagggcgatc ggtgcgggcc tcttcctat
301 tacgccagct ggcgaaaagg ggaatgtctg caaggcgatt aagttgggta acgccagggt tttcccagtc acgacgttgt aaaacgacgg ccagtgaatt
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801 agatggcatt ctccatggag tcagatatca ggatgggaat ctgtgtatcc aattcccctg ttgtacttcc atcatttggc aactgcagtt tctgttacia
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> RDC2879 Translated Insert Sequence

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101 ylvqakhlk tklswnkdgi lhgvrtydgn lvigfpglyf iicqlqlfvq cpnnsvdikl ellinkhikk qalvtvcesg mqtkhvyqnl sqfildylqv
201 nttisvndt fgyidstfpl lenvlisfly snsd

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