

Recombinant Human TNFSF8, FLAG-tagged

Cat. No. TNFSF8-2076H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human TNFSF8 is produced in <i>HEK 293 Cells</i> . The extracellular domain of recombinant human CD30L (CD153) (aa 63-234) is fused at the N-terminus to a linker peptide (11 aa) and a FLAG-tag. MW=35kDa.
Species	Human
Source	HEK293
ProteinLength	63-234 a.a.
Description	The protein encoded by this gene is a cytokine that belongs to the tumor necrosis factor (TNF) ligand family. This cytokine 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 this cytokine expressed on B cell surface plays an inhibitory role in modulating Ig class switch. This cytokine 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.
Purity	≥95% (SDS-PAGE).
Concentration	0.1mg/ml after reconstitution.
Formulation	Lyophilized. Contains PBS.
Endotoxin Content	<0.1EU/g purified protein (LAL test; Bio Whittaker).

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Reconstitution	Reconstitute with 100µl sterile distilled water. Further dilutions should be made with medium containing 5% fetal calf serum.
Specificity	Binds to human CD30 (Ki-1).
Storage	Stable for at least 6 months after receipt when stored at -20°C.
Handling	After reconstitution, prepare aliquots and store at -20°C. Avoid freeze/thaw cycles.
GENE INFORMATION	
Gene Name	TNFSF8 tumor necrosis factor (ligand) superfamily, member 8 [Homo sapiens]
Synonyms	TNFSF8; tumor necrosis factor (ligand) superfamily, member 8; CD153; CD30-L; CD30L; CD30LG; MGC138144; CD153 antigen; CD30 antigen ligand; CD30 ligand; OTTHUMP00000022762
Gene ID	944
mRNA Refseq	NM_001244
Protein Refseq	NP_001235
MIM	603875
UniProt ID	P32971
Chromosome Location	9q33
Pathway	kine-cytokine receptor interaction

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Function

cytokine activity; tumor necrosis factor receptor binding

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