

## Recombinant Human TNFSF8 protein, His-tagged

Cat. No. TNFSF8-63H Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant human TNFSF8, fused to His-tag at C-terminus, was expressed in insect cell and purified by using conventional chromatography techniques.
<b>Species</b>	Human
<b>Source</b>	Insect Cells
<b>Description</b>	TNFSF8, also known as tumor necrosis factor ligand superfamily member 8, is a type II membrane protein belonging to the TNF superfamily. It is expressed on the cell surface of activated T cells, B cells, and monocytes. CD30/TNFRSF8 ligation by TNFSF8 mediates pleiotropic effects including cell proliferation, activation, differentiation and cell death by apoptosis.
<b>Form</b>	Liquid. In Phosphate Buffered Saline (pH 7.4) containing 10% glycerol.
<b>Molecular Mass</b>	20.7kDa (181aa)18-40KDa (SDS-PAGE under reducing conditions.)
<b>AA Sequence</b>	ADPQRDTSIP NSPDNVPLKG GNCSEDLLCI LKRAPFKKSW AYLQVAKHLN KTKLSWVKDG ILHGVRYQDG NLVIQFPGLY FIICQLQLVQCPNNSVDLK LELLINKHIK KQALVTVCES GMQTKHVVQN LSQFLLDYLQ VNTTISVNVD TFQYIDTSTF PLENVLSIFL YSNSDHHHHHH
<b>Endotoxin</b>	< 1.0 EU per 1 microgram of protein (determined by LAL method)
<b>Purity</b>	>85% by SDS - PAGE

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

**Concentration** 0.5mg/ml (determined by Absorbance at 280nm)

## GENE INFORMATION

**Gene Name** TNFSF8 tumor necrosis factor (ligand) superfamily, member 8 [ Homo sapiens ]

**Official Symbol** TNFSF8

**Synonyms** TNFSF8; CD30LG; CD153; CD30-L; CD30 ligand; CD153 antigen; CD30L

**Gene ID** 944

**mRNA Refseq** NM\_001244

**Protein Refseq** NP\_001235

**MIM** 603875

**UniProt ID** P32971

**Chromosome Location** 9q33

**Pathway** Cytokine-cytokine receptor interaction, organism-specific biosystem; Cytokine-cytokine receptor interaction, conserved biosystem;

**Function** cytokine activity; receptor binding; tumor necrosis factor receptor binding;

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