

sCD30 Ligand, Human Recombinant

CATALOG NO:	P1285-10, 50	10 µg, 50 µg
ALTERNATE NAMES:	Soluble CD30 Ligand, TNFSF8, CD153, CD30L	
SOURCE:	CHO cells	
PURITY:	≥ 98% by SDS-PAGE gel and HPLC analyses.	
MOL. WEIGHT:	21.3 kDa	
FORM:	Lyophilized	
STORAGE CONDITIONS:	Store at -20°C. After reconstitution, aliquot and store at -20°C to -80°C. Avoid repeated freezing and thawing cycles.	
BIOLOGICAL ACTIVITY:	Determined by its ability to stimulate human IL-8 production by human PBMC using a concentration range of 10.0-25.0 ng/ml.	
RECONSTITUTION:	Centrifuge the vial prior to opening. Reconstitute in water to a concentration of 0.1-1.0 mg/ml. Do not vortex. This solution can be stored at 2-8°C for up to 1 week. For extended storage, it is recommended to further dilute in a buffer containing a carrier protein (example 0.1% BSA) and store in working aliquots at -20°C to -80°C.	
DESCRIPTION:	<p>CD30 ligand (CD30L) is a type-II membrane-associated glycoprotein protein belonging to the TNF superfamily and is expressed primarily on certain B cells, T cells, and monocytes. CD30L binds specifically to CD30 (receptor), which is expressed on activated, but not resting, B and T cells, in lymphomas and various chronically inflamed tissues. CD30L/CD30 interactions initiate a signaling cascade that can ultimately lead to the activation of NF-Kappa B. CD30L/CD30 signaling exerts pleiotropic effects on normal cells, including cell death, differentiation, or cell division. Certain diseases, including Hodgkin's lymphoma, allergic inflammation, diabetes (in NOD mice), and mycobacterial infection can also be affected by CD30L/CD30 signaling. The CD30L gene encodes for a 234 amino acid type II transmembrane protein, which contains a 37 amino acid cytoplasmic sequence, a 25 amino acid transmembrane domain and a 172 amino acid extracellular domain. Recombinant human soluble CD30L (sCD30L) is a 188 amino acid polypeptide corresponding to the extracellular domain, and contains an 8 residue N-terminal His -Tag.</p>	

RELATED PRODUCTS:

- Anti-CD30 / TNFRSF8 Antibody (CD30/412) (**Cat. No. A1484**)
- FasL Antibody (Cat. No. 3345R)
- Human CellExp™ CD30 /TNFRSF8, human recombinant (**Cat. No. 7389**)
- sCD27 Ligand, Human Recombinant (**Cat. No. 7125**)
- sCD14, Human Recombinant (**Cat. No. 7122**)
- sCD22, Human Recombinant (**Cat. No. 7123**)
- sCD23, Human Recombinant (**Cat. No. 7124**)
- sCD34, Human Recombinant (**Cat. No. P1286**)
- sCD100/Semaphorin-4D, Human Recombinant (**Cat. No. 7126**)
- TNFRSF8/CD30 (Human) ELISA Kit (**Cat. No. K4182**)
- TNFSF8 (Human) ELISA Kit (**Cat. No. K4248**)
- TNFSF8, human recombinant (**Cat. No. 7331**)

FOR RESEARCH USE ONLY! Not to be used on humans.