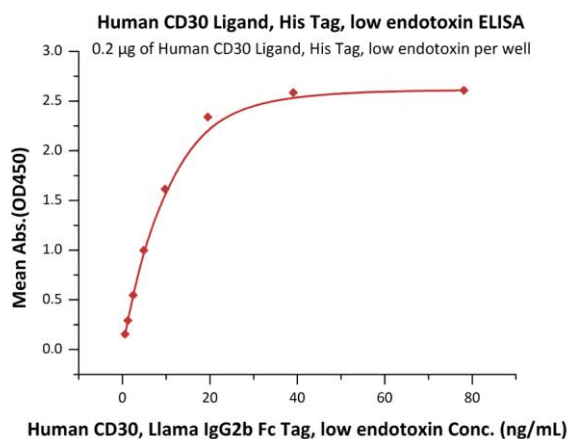
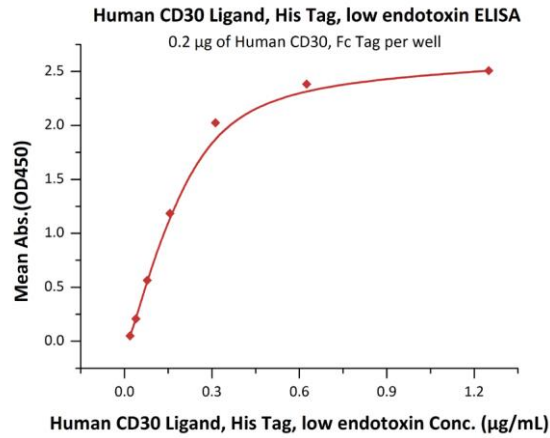


# Human CellExp™ CD30 Ligand / TNFSF8, Human Recombinant

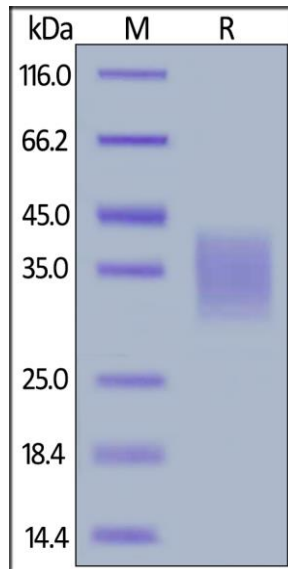
<b>CATALOG NO:</b>	P1462-10 10 µg P1462-50 50 µg
<b>ALTERNATE NAMES:</b>	CD30-L, CD153, TNFSF8, CD30L, CD30LG, CD153 antigen, CD30 antigen ligand, CD30 Ligand
<b>MOL. WT.</b>	This protein carries a polyhistidine tag at the N-terminus. The protein has a calculated MW of 21.5 kDa. The protein migrates as 30-40 kDa under reducing (R) condition (SDS-PAGE) due to glycosylation.
<b>SOURCE:</b>	HEK 293 cells
<b>PURITY:</b>	>90% SDS-PAGE
<b>ENDOTOXIN:</b>	Less than 1.0 EU per µg by the LAL method.
<b>FORM:</b>	Lyophilized
<b>FORMULATION:</b>	Lyophilized from 0.22 µm filtered solution in PBS, pH7.4. Normally trehalose is added as protectant before lyophilization.
<b>RECONSTITUTION:</b>	Reconstitute in sterile deionized water to the desired protein concentration.
<b>SPECIFIC ACTIVITY:</b>	Immobilized Human CD30, Fc Tag at 2 µg/mL (100 µL/well) can bind Human CD30 Ligand with a linear range of 0.039-0.313 µg/mL. Immobilized Human CD30 Ligand, His Tag, low endotoxin at 2 µg/mL (100 µL/well) can bind Human CD30, Llama IgG2b Fc Tag with a linear range of 0.6-10 ng/mL
<b>STORAGE CONDITIONS:</b>	Store at -20°C. After reconstitution, aliquot and store at -80°C and use within 3 months. Avoid repeated freezing and thawing cycles.
<b>DESCRIPTION:</b>	CD30 ligand (CD30L) and CD30 are interacting cell surface glycoproteins that are members of the tumour necrosis factor (TNF) and tumour necrosis factor receptor (TNFR) superfamilies. In humans, CD30L is expressed at high levels on activated T cells. There is conflicting evidence with regard to cell surface expression of CD30L on primary human B cells. An initial report of constitutive CD30L expression on peripheral blood B cells <sup>33</sup> has not been substantiated.
<b>AMINO ACID SEQUENCE:</b>	Gln 63 - Asp 234



Immobilized Human CD30 Ligand, His Tag, low endotoxin at 2 µg/mL (100 µL/well) can bind Human CD30, Llama IgG2b Fc Tag with a linear range of 0.6-10 ng/mL



Immobilized Human CD30, Fc Tag at 2 µg/mL (100 µL/well) can bind Human CD30 Ligand with a linear range of 0.039-0.313 µg/mL



Human CD30 Ligand, His Tag, low endotoxin on SDS-PAGE under reducing (R) condition. The gel was stained overnight with Coomassie Blue. The purity of the protein is greater than 90%.

**RELATED PRODUCTS:**

- sCD30 Ligand, Human Recombinant (P1285)
- Human CellExp™ CD30 /TNFRSF8, human recombinant (7389)
- TNFSF8, human recombinant (7331)
- Human CellExp™ CD30 /TNFRSF8, Fc Tag, Human Recombinant (P1331)

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