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32-17038: Recombinant human CD30 Ligand Protein with N-mouse Fc and C-6Ã—His tag

Alternative Name : CD30-L,CD153,TNFSF8,CD30L,CD30LG,CD153 antigen,CD30 antigen ligand,CD30 Ligand

Description

Expression Host : HEK293
The protein has a predicted molecular mass of 48.0 kDa after removal of the signal peptide.The apparent molecular mass of mFc-CD30 Ligand-His is approximately 53-70 kDa due to glycosylation.
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. The pleiotropic biologic activities of this cytokine on different CD30+ lymphoma cell lines may play a pathophysiologic role in Hodgkin's and some non-Hodgkin's lymphomas. Two transcript variants encoding different isoforms have been found for this gene.

Product Info

Amount :	50 µg
Purification :	The purity of the protein is greater than 95% as determined by SDS-PAGE and Coomassie blue staining.
Content :	Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 8 % trehalose is added as protectants before lyophilization.
Storage condition :	Store at -80°C for 12 months (Avoid repeated freezing and thawing)

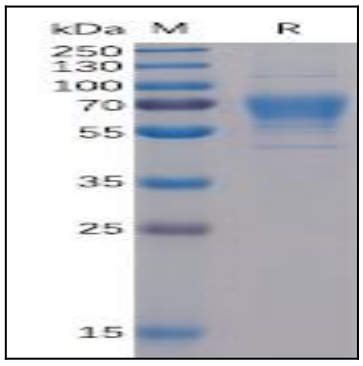

Figure 1. Human CD30 Ligand Protein, mFc-His Tag on SDS-PAGE under reducing condition.

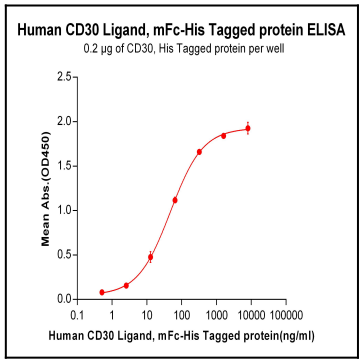

Figure 2. ELISA plate pre-coated by 2 µg/ml (100 µl/well) Human CD30, His tagged protein can bind Human CD30 Ligand,mFc-His tagged protein in a linear range of 2.56-320 ng/ml.