

## 32-17121: Recombinant human CD40 Ligand Protein with N-Human Fc tag

**Alternative Name :** CD40LG,CD154,CD40L,HIGM1,IGM,IMD3,T-BAM,TNFSF5,TRAP,gp39

### Description

Expression Host : HEK293

The protein has a predicted molecular mass of 42.3 kDa after removal of the signal peptide. The apparent molecular mass of hFc-CD40 Ligand is approximately 40-53 kDa due to glycosylation.

The protein encoded by this gene is expressed on the surface of T cells. It regulates B cell function by engaging CD40 on the B cell surface. A defect in this gene results in an inability to undergo immunoglobulin class switch and is associated with hyper-IgM syndrome.

### Product Info

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

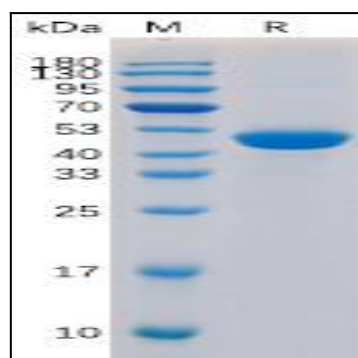


Figure 1. Human CD40 Ligand Protein, hFc Tag on SDS-PAGE under reducing condition.

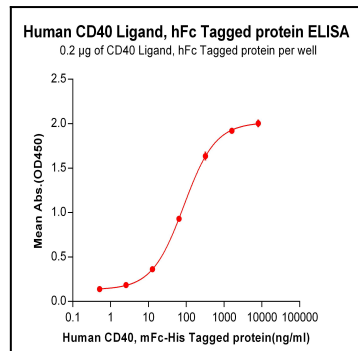


Figure 2. ELISA plate pre-coated by 2 µg/ml (100 µl/well) Human CD40 Ligand, hFc tagged protein can bind Human CD40, mFc-His tagged protein in a linear range of 0.51-320 ng/ml.