

## Recombinant Cynomolgus CD40LG, Fc tagged

**Cat. No.** CD40LG-69C    **Lot. No.** (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant Cynomolgus CD40LG (F6Q0N6) (Met113-Leu261), fused with the Fc region of human IgG1 at the N-terminus, was produced in Human Cells.
<b>Species</b>	Cynomolgus
<b>Source</b>	Human Cells
<b>ProteinLength</b>	113-261 a.a.
<b>Predicted N Terminal</b>	Glu
<b>Form</b>	Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 8 % trehalose and mannitol are added as protectants before lyophilization.
<b>Molecular Mass</b>	The recombinant cynomolgus CD40LG is a disulfide-linked homodimer. The reduced monomer comprises 409 amino acids and has a calculated molecular mass of 44.7 KDa. The apparent molecular mass of the protein is approximately 54 KDa respectively in SDS-PAGE.
<b>Endotoxin</b>	< 1.0 eu per µg of the protein as determined by the LAL method.
<b>Purity</b>	>85 % as determined by SDS-PAGE
<b>Stability</b>	Samples are stable for up to twelve months from date of receipt at -70oC.

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**Storage** Store it under sterile conditions at -20oC~-70oC. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.

**Reconstitution** It is recommended that sterile water be added to the vial to prepare a stock solution. Centrifuge the vial at 4°C before opening to recover the entire contents.

## GENE INFORMATION

**Gene Name** CD40LG CD40 ligand [ *Macaca fascicularis* (crab-eating macaque) ]

**Official Symbol** CD40LG

**Gene ID** 102138630

**mRNA Refseq** XM\_005594705

**Protein Refseq** XP\_005594762

**Chromosome Location** X

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