

# Recombinant Rhesus monkey CD40LG Protein, His-tagged

Cat. No. CD40LG-680R Lot. No. (See product label)

## SPECIFICATION

<b>Product Overview</b>	Recombinant Rhesus monkey CD40LG Protein (Val44-Leu261) with His tag was expressed in E. coli.
<b>Species</b>	Rhesus macaque
<b>Source</b>	E.coli
<b>ProteinLength</b>	Val44-Leu261
<b>Description</b>	Cytokine that acts as a ligand to CD40/TNFRSF5.
<b>Form</b>	Freeze-dried powder
<b>Molecular Mass</b>	Predicted Molecular Mass: 28.2 kDa; Accurate Molecular Mass: \
<b>Purity</b>	> 90%
<b>Applications</b>	Positive Control; Immunogen; SDS-PAGE; WB.
<b>Stability</b>	The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37 centigrade for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.
<b>Storage</b>	Avoid repeated freeze/thaw cycles. Store at 2-8 centigrade for one month. Aliquot and

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store at -80 centigrade for 12 months.

**Storage Buffer**

20mM Tris, 150mM NaCl, pH8.0, containing 1mM EDTA, 1mM DTT, 0.01% SKL, 5% Trehalose and Proclin300.

**Reconstitution**

Reconstitute in 20mM Tris, 150mM NaCl (pH8.0) to a concentration of 0.1-1.0 mg/mL. Do not vortex.

## GENE INFORMATION

**Gene Name**

CD40LG CD40 ligand [ *Macaca mulatta* (Rhesus monkey) ]

**Official Symbol**

CD40LG

**Synonyms**

CD40LG; CD40 ligand; HIGM1, IMD3, TNFSF5, tumor necrosis factor (ligand) superfamily, member 5 (hyper IgM syndrome); CD40 antigen ligand; CD40L; CD154; gp39; hCD40L; hyper IgM syndrome; T B cell activating molecule; TNF related activation protein; TRAP; tumor necrosis factor (ligand) superfamily member 5; CD40-L; T-cell antigen Gp39; T-B cell-activating molecule; TNF-related activation protein; IGM; IMD3; HIGM1; T-BAM; TNFSF5;

**Gene ID**

574160

**mRNA Refseq**

NM\_001032839

**Protein Refseq**

NP\_001028011

**UniProt ID**

P63304

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