

PRODUCT INFORMATION

CD40 Ligand **Target**

Synonyms CD40-L;TRAP;CD154;Cd40lg

Recombinant mouse CD40L protein with N-**Description**

terminal human Fc tag

Delivery In Stock **Uniprot ID** P27548 **Expression Host HEK293**

Tag N-Human Fc Tag

Molecular hFc(Glu99-Ala330) Mouse CD40 Ligand(Gly115-

Characterization Leu260)

The protein has a predicted molecular mass of 42.1 kDa after removal of the signal peptide. The **Molecular Weight**

apparent molecular mass of hFc-CD40L is approximately 40-55 kDa due to glycosylation. The purity of the protein is greater than 95% as determined by SDS-PAGE and Coomassie blue

Purity

staining.

Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 8% trehalose is added as protectants before lyophilization. Please see Certificate of Analysis Formulation & Reconstitution

for specific instructions of reconstitution. Store at -20°C to -80°C for 12 months in lyophilized form. After reconstitution, if not

intended for use within a month, aliquot and store Storage & Shipping at -80°C (Avoid repeated freezing and thawing). Lyophilized proteins are shipped at ambient

temperature.

Cytokine that binds to CD40/TNFRSF5. Costimulates T-cell proliferation and cytokine production. Its cross-linking on T-cells generates a

costimulatory signal which enhances the production of IL4 and IL10 in conjunction with the TCR/CD3 ligation and CD28 costimulation. Induces the activation of NF-kappa-B and kinases

Background MAPK8 and PAK2 in T-cells (By similarity).

Mediates B-cell proliferation in the absence of costimulus as well as IgE production in the presence of IL4. Involved in immunoglobulin class switching (PubMed:1374165).[UniProtKB/Swiss-Prot

> Email: info@dimabio.com Website: www.dimabio.com

Function]

Usage Research use only

Unconjugated Conjugate

Address: Wuhan institute of Biotechnology B7, Biolake No.666 Gaoxin Road, Wuhan, Hubei, China Telephone: +1 2409940618(USA) /+86-18062749453(China)

/+86-400-006-0995(China)





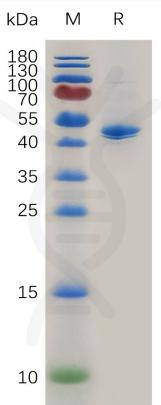


Figure 1. Mouse CD40 Ligand Protein, hFc Tag on SDS-PAGE under reducing condition.



