

Recombinant Human sCD40 Ligand(Cat.No.:GMP-CI56)

Source: Human Cells

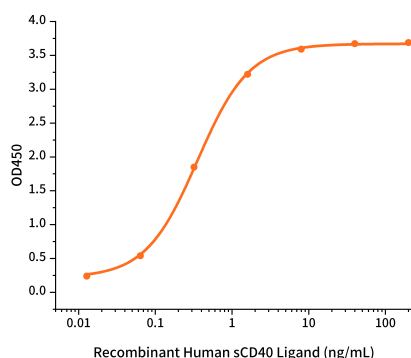
Description: CD40L, also known as CD154, is a plasma membrane glycoprotein and differentiation antigen expressed on the surface of T cells. It stimulates the proliferation of B cells to secrete various immunoglobulins in the presence of cytokines. CD40L can induce the cytokines secretion of peripheral blood mononuclear cells, so produce anti-tumor activity. It also has a co-stimulatory effect on the proliferation of activated T cells, accompanied by the production of IFN-gamma, TNF-alpha, and IL-2. Recombinant Human sCD40L is expressed by mammalian cells, and is produced with raw materials of pharmaceutical applicable level. The host protein residue, nucleic acid residue and common pathogens are strictly controlled, and the production and quality management procedures of the product comply with GMP regulations to ensure the traceability of the production process and all raw materials.

Known As: CD40 Ligand; CD40-L; T-Cell Antigen Gp39; TNF-Related Activation Protein; TRAP; Tumor Necrosis Factor Ligand Superfamily Member 5; CD154; CD40LG; CD40L; TNFSF5; TRAP

Shipping: Lyophilized product in powder form, 2-8°C temperature required for transport

Storage: Storage at -20±5°C, expiration date labeled on bottle.

Bioactivity-ELISA:



Immobilized Anti-Human CD40L mAb(Cat#NC010) at 5 µg/mL (100 µL/well) can bind Human sCD40 Ligand (Cat#GMP-CI56). Biotinylated by NHS-biotin prior to testing. The EC50 of Human sCD40 Ligand is ≤10 ng/mL.

Recommendations:

- (1) Make sure the product properly stored and none expired before using.
- (2) Please use water for injection for reconstitution, to a concentration > 100 µg/ml.
- (3) Sterile condition without pyrogen is required for reconstitution, re-aliquoting,

Version26.2.1

dilution.

(4)After reconstitution, aliquoted solution vials should be stored at -70°C and minimize freeze-thaw cycles preventing denaturation of protein.