

Active GMP Recombinant Human CD40LG protein

Cat. No. CD40LG-765HG **Lot. No.** (See product label)

SPECIFICATION

Product Overview	GMP Recombinant Human CD40LG protein(NP_000065)(149 aa), fused with His Tag at the C-terminal, was expressed in HEK293 cell in an animal component free process under cGMP guidelines.
Species	Human
Source	HEK293
ProteinLength	DNA sequence encoding Human CD40 Ligand(UniProtKB/Swiss-Prot: P29965.1) was expressed with His tag at the C-terminal.
Form	Freeze-dried powder contains Sterile PBS (pH 7.4) with 6% mannitol.
Bio-activity	The concentration of immobilized Human CD40 Ligand (His tag) is 2ug/mL(100uL/well), and the linear binding range that can bind to Human CD40(Fc tag) is 0.2-2.5 ug/mL.
Molecular Mass	Recombinant Human CD40 protein contains 149 aa. It has a predicted MW of 18.5 kDa.
Endotoxin	<0.1EU/ug
Purity	>=95% by SDS-PAGE and HPLC
Storage	The lyophilized preparation can be stored at 4°C for 24 months, and the dissolved

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liquid can be stored at -20°C for 6-12 months to avoid repeated freezing and thawing

Reconstitution

It is recommended that sterile water be added to the vial to prepare a stock solution of 0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

GENE INFORMATION

Gene Name CD40LG CD40 ligand [Homo sapiens]

Official Symbol CD40LG

Synonyms CD40LG; CD154; CD40L; HIGM1; IGM; IMD3; T-BAM; TNFSF5; TRAP; gp39

Gene ID 959

mRNA Refseq NM_000074

Protein Refseq NP_000065

MIM 300386

UniProt ID P29965

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