

Active Recombinant Human CD40LG Protein, hFc-Avi-tagged, Biotinylated

Cat. No. CD40LG-280H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Biotinylated Active Recombinant Human CD40LG Protein(NP_000065.1) (Met113-Leu261) was expressed in HEK293 with a N-terminal Fc region of human IgG1 tagged AVI tag at the N-terminus.
Species	Human
Source	HEK293
ProteinLength	113-261 aa
Conjugation/Label	Biotin
Form	Lyophilized from sterile 20 mM Tris, 150 mM NaCl, pH 8.5.
Bio-activity	Immobilized Recombinant Human CD40 / TNFRSF5 Protein (His Tag) at 2 µg/mL (100 µL/well) can bind Recombinant Human CD40L/CD154/TNFSF5 Protein(Fc&AVI Tag),Biotinylated, the EC50 is 10-30 ng/mL.
Molecular Mass	The recombinant human CD40LG consists of 402 amino acids and predicts a molecular mass of 44.7 kDa.
Endotoxin	< 1.0 EU per µg protein as determined by the LAL method.
Purity	> 85 % as determined by SDS-PAGE.

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Storage Samples are stable for up to twelve months from date of receipt at -20°C to -80°C. Store it under sterile conditions at -20°C to -80°C. 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 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; 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 959

mRNA Refseq NM_000074

Protein Refseq NP_000065

MIM 300386

UniProt ID P29965

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