

Active Recombinant Human CD40L protein, His-tagged

Cat. No. CD40L-326H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human CD40L protein(NP_000065.1)(Glu108-Leu261), fused with His tag, was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	Glu108-Leu261
Form	Lyophilized from sterile PBS, pH 7.4, 10% glycerol. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization.
Bio-activity	Immobilized Human CD40 Ligand (His Tag) at 2 µg/mL (100 µL/well) can bind Human CD40 (ECD, hFc Tag), the EC ₅₀ of Human CD40 (ECD, hFc Tag) is 60-600 ng/mL.
Molecular Mass	The recombinant human CD40L consists of 161 amino acids and has a calculated molecular mass of 17.7 kDa. It migrates as an 18 kDa band in SDS-PAGE under reducing conditions.
Purity	> 95 % as determined by SDS-PAGE
Storage	Store at -20°C/-80°C upon receipt, aliquoting is necessary for mutiple use. Avoid repeated freeze-thaw cycles.

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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.

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