

Active Recombinant Human CD40 protein, Fc-His-tagged

Cat. No. CD40-174H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Active Recombinant Human CD40 protein(NP_001241.1)(Glu21-Arg193) is expressed in HEK293, fused with a Fc, His tag at the C-terminus.
Species	Human
Source	HEK293
ProteinLength	21-193 aa
Form	Lyophilized from a 0.22 µm filtered solution of PBS, pH 7.4.Contact us for customized product form or formulation.
Bio-activity	Measured by its binding ability in a functional ELISA. Immobilized Recombinant Human CD40 Ligand at 2 µg/mL (100 µL/well) can bind Recombinant Human CD40 with a linear range of 224-898 ng/mL.
Molecular Mass	45.95 kDa
Endotoxin	< 0.1 EU/µg of the protein by LAL method.
Purity	≥ 95 % as determined by SDS-PAGE;≥ 90 % as determined by HPLC.
Storage	Store at -20°C.Store the lyophilized protein at -20°C to -80°C up to 1 year from the date of receipt. After reconstitution, the protein solution is stable at -20°C for 3 months, at 2-8°C for up to 1 week.

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Reconstitution

Centrifuge the tube before opening. Reconstitute to a concentration of 0.1-0.5 mg/mL in sterile distilled water. Avoid vortex or vigorously pipetting the protein. For long term storage, it is recommended to add a carrier protein or stabilizer (e.g. 0.1% BSA, 5% HSA, 10% FBS or 5% Trehalose), and aliquot the reconstituted protein solution to minimize free-thaw cycles.

GENE INFORMATION

Gene Name CD40 CD40 molecule, TNF receptor superfamily member 5 [Homo sapiens]

Official Symbol CD40

Synonyms

CD40; CD40 molecule, TNF receptor superfamily member 5; TNFRSF5, tumor necrosis factor receptor superfamily, member 5; tumor necrosis factor receptor superfamily member 5; Bp50; p50; CD40L receptor; CD40 type II isoform; B cell-associated molecule; B cell surface antigen CD40; B-cell surface antigen CD40; CD40 antigen (TNF receptor superfamily member 5); tumor necrosis factor receptor superfamily, member 5; nerve growth factor receptor-related B-lymphocyte activation molecule; CDW40; TNFRSF5; MGC9013;

Gene ID 958

mRNA Refseq NM_001250

Protein Refseq NP_001241

MIM 109535

UniProt ID P25942

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