

Recombinant Human CD40, Fc-His tagged

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

SPECIFICATION

Product Overview	Recombinant Human CD40 extracellular domainhuman (Met 1-Arg193) (NP_001241.1), fused with the polyhistidine-tagged Fc region of human IgG1 at the C-terminus, was produced in Human Cell.
Species	Human
Source	Human Cells
ProteinLength	1-193 a.a.
Form	Lyophilized from sterile 100mM Glycine, 10mM NaCl, 50mM Tris, pH 7.5
Molecular Mass	The recombinant human CD40/Fc is a disulfide-linked homodimer. The reduced monomer consists of 421 amino acids and has a predicted molecular mass of 47.3 kDa. As a result of glycosylation, the apparent molecular mass of rhCD40/Fc monomer migrates with an apparent molecular mass of 55-60 kDa in SDS-PAGE under reducing conditions.
Endotoxin	< 1.0 eu per µg of the protein as determined by the LAL method.
Stability	Samples are stable for up to twelve months from date of receipt at -70oC.
Storage	Store it under sterile conditions at -20oC~-70oC. It is recommended that the protein be aliquoted for optimal storage. 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. Centrifuge the vial at 4°C before opening to recover the entire contents.

GENE INFORMATION

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

Official Symbol CD40

Gene ID 958

mRNA Refseq NM_001250

Protein Refseq NP_001241

MIM 109535

UniProt ID P25942

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