

Recombinant Human CD40 Protein, Fc/His-tagged, FITC conjugated

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

SPECIFICATION

Product Overview FITC conjugated 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 HEK293

ProteinLength 421

Form Lyophilized

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/ µg of the protein as determined by the LAL method.

Characteristic Disulfide-linked homodimer
 Labeled with FITC via amines
 Excitation source: 488 nm spectral line, argon-ion laser
 Excitation Wavelength: 488 nm

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 45-1 Ramsey Road, Shirley, NY 11967, USA



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|-----------------------|---|
| | Emission Wavelength: 535 nm |
| Stability | Samples are stable for up to 12 months from date of receipt at -70 centigrade. |
| Storage | Store it under sterile conditions at -20 to -70 centigrade. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles. |
| Storage Buffer | Lyophilized from sterile 100 mM Glycine, 10 mM NaCl, 50 mM Tris, pH 7.5 |
| Reconstitution | It is recommended that sterile water be added to the vial to prepare a stock solution. Centrifuge the vial at 4 centigrade before opening to recover the entire contents. |
| Conjugation | FITC |

GENE INFORMATION

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|------------------------|--|
| 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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