

Recombinant Human CD70 Protein, Fc-tagged, Alexa Fluor 647 conjugated

Cat. No. CD70-639AF647 Lot. No. (See product label)

SPECIFICATION

Product Overview Alexa Fluor 647 conjugated recombinant human CD70 extracellular domain (NP_001243.1) (Gln 39-Pro 193), fused with the Fc region of human IgG1 at the N-terminus via a polypeptide linker, was produced in Human Cell.

Species Human

Source HEK293

ProteinLength 413

Form Lyophilized

Molecular Mass The recombinant human CD70/Fc is a disulfide-linked homodimeric protein. The reduced monomer consists of 413 amino acids and predicts a molecular mass of 45.5 kDa. As a result of different glycosylation, the rh CD70/Fc migrates as several bands with the approximate molecular mass of 55-60, 110-120 and 160-170 kDa corresponding to the monomeric, dimeric and trimeric form respectively 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 Alexa Fluor 647 via amines
Excitation = 650 nm

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	Emission = 668 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 PBS, pH 7.4
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	Alexa Fluor 647

GENE INFORMATION

Gene Name	CD70 CD70 molecule [Homo sapiens]
Official Symbol	CD70
Gene ID	970
mRNA Refseq	NM_001252
Protein Refseq	NP_001243
MIM	602840
UniProt ID	P32970

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