Recombinant Human CD70 Protein, Fc-tagged, Alexa Fluor 555 conjugated

Cat. No. CD70-639AF555 **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Alexa Fluor 555 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 555 via amines With an excitation and emission maximum of 555/565 nm, Alexa Fluor 555 can be

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	efficiently excited using a 543 nm He-Ne laser line and detected under standard TRITC/Cy3 filters.
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 555

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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