

# Recombinant Human CD86 Protein, Fc/His-tagged, FITC conjugated

**Cat. No.** CD86-55HF    **Lot. No.** (See product label)

## SPECIFICATION

<b>Product Overview</b>	FITC conjugated recombinant human CD86 extracellular domain (Met 1-His 239) (NP_008820.2), fused with the polyhistidine-tagged Fc region of human IgG1 at the C-terminus, was produced in Human Cell.
<b>Species</b>	Human
<b>Source</b>	HEK293
<b>ProteinLength</b>	467
<b>Form</b>	Lyophilized
<b>Molecular Mass</b>	The recombinant human B7-2/Fc is a disulfide-linked homodimeric protein. The reduced monomer consists of 467 amino acids and has a predicted molecular mass of 53.2 kDa. In SDS-PAGE, the apparent molecular mass of rh B7-2/Fc monomer is approximately 80-90 kDa due to glycosylation.
<b>Endotoxin</b>	< 1.0 EU/ µg of the protein as determined by the LAL method.
<b>Characteristic</b>	Disulfide-linked homodimer Labeled with FITC via amines Excitation source: 488 nm spectral line, argon-ion laser Excitation Wavelength: 488 nm Emission Wavelength: 535 nm

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<b>Stability</b>	Samples are stable for up to 12 months from date of receipt at -70 centigrade.
<b>Storage</b>	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.
<b>Storage Buffer</b>	Lyophilized from sterile PBS, pH 7.4
<b>Reconstitution</b>	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.
<b>Conjugation</b>	FITC

## GENE INFORMATION

<b>Gene Name</b>	CD86 CD86 molecule [ Homo sapiens ]
<b>Official Symbol</b>	CD86
<b>Gene ID</b>	942
<b>mRNA Refseq</b>	NM_001206924
<b>Protein Refseq</b>	NP_001193853
<b>MIM</b>	601020
<b>UniProt ID</b>	P42081

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