

# Recombinant Human CD274 Protein, Fc-tagged, Alexa Fluor 647 conjugated

**Cat. No.** CD274-2330HAF647    **Lot. No.** (See product label)

## SPECIFICATION

<b>Product Overview</b>	Recombinant Human CD274 Protein extracellular domain N-terminal segment (NP_054862.1, 1-239aa), was expressed in Human Cell with C-terminal human IgG1 Fc tag and Alexa Fluor 647 conjugate.
<b>Species</b>	Human
<b>Source</b>	HEK293
<b>ProteinLength</b>	1-239 aa
<b>Form</b>	Lyophilized
<b>Molecular Mass</b>	The recombinant mature human B7-H1/Fc is a disulfide-linked homodimeric protein. The reduced monomer consists of 459 amino acids and predicts a molecular mass of 52 kDa. As a result of glycosylation, the rh B7-H1/Fc monomer migrates as an approximately 65-70 kDa protein in SDS-PAGE under reducing conditions.
<b>Endotoxin</b>	< 1.0 EU/ µg of the protein as determined by the LAL method.
<b>Characteristic</b>	Disulfide-linked homodimer Labeled with Alexa Fluor 647 via amines Excitation = 650 nm Emission = 668 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>	Alexa Fluor 647

## GENE INFORMATION

<b>Gene Name</b>	CD274 CD274 molecule [ Homo sapiens ]
<b>Official Symbol</b>	CD274
<b>Gene ID</b>	29126
<b>mRNA Refseq</b>	NM_014143
<b>Protein Refseq</b>	NP_054862
<b>MIM</b>	605402
<b>UniProt ID</b>	Q9NZQ7

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