

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

**Cat. No.** CD274-2142HAF647    **Lot. No.** (See product label)

## SPECIFICATION

<b>Product Overview</b>	Recombinant Human B7H1 (CD274) Protein extracellular domain, was expressed in mammalian cells with C-terminal murine IgG1 Fc tag and Alexa Fluor 647 conjugate (contains 493 amino acids; predicted MW: 56.06 KD×2 (dimer); 13 cysteines (6 in Fc); 4 N-link glycosylation sites, MW increase up to 20 KD×2 (dimer)).
<b>Species</b>	Human
<b>Source</b>	Mammalian Cells
<b>Description</b>	B7-H1 is a third member of the B7 family. It co-stimulates T-cell proliferation and interleukin-10 secretion. CD274 (Cluster of Differentiation 274) also known as PD-L1 (Programed Death Ligand-1) or B7-H1 is a protein which in humans is encoded by the CD274 gene.
<b>Purity</b>	> 90 %
<b>Characteristic</b>	Disulfide-linked homodimer Labeled with Alexa Fluor 647 via amines Excitation = 650 nm Emission = 668 nm
<b>Storage</b>	At -70 centigrade.
<b>Conjugation</b>	Alexa Fluor 647

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## GENE INFORMATION

<b>Gene Name</b>	CD274 CD274 molecule [ Homo sapiens ]
<b>Official Symbol</b>	CD274
<b>Synonyms</b>	CD274; CD274 molecule; B7-H; B7H1; PDL1; PD-L1; PDCD1L1; PDCD1LG1; MGC142294; MGC142296; programmed cell death 1 ligand 1; CD274 antigen; Programmed cell death 1 ligand 1; Programmed death ligand 1; PDCD1 ligand 1; B7 homolog 1; OTTHUMP00000021029
<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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