

Recombinant Human CD274 Protein, Fc Chimera

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

SPECIFICATION

Product Overview	Recombinant Human B7H1 (CD274) Protein extracellular domain, was expressed in mammalian cells with C-terminal murine IgG1 Fc tag (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)).
Species	Human
Source	Mammalian Cells
Description	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.
Purity	>90%.
Recommended Storage Temperature	-70 °C.

GENE INFORMATION

Gene Name	CD274 CD274 molecule [Homo sapiens]
Synonyms	CD274; CD274 molecule; B7-H; B7H1; PDL1; PD-L1; PDCD1L1; PDCD1LG1; MGC142294; MGC142296; programmed cell death 1 ligand 1; CD274 antigen;

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	Programmed cell death 1 ligand 1; Programmed death ligand 1; PDCD1 ligand 1; B7 homolog 1; OTTHUMP00000021029
Gene ID	29126
mRNA Refseq	NM_014143
Protein Refseq	NP_054862
MIM	605402
UniProt ID	Q9NZQ7
Chromosome Location	9q24
Pathway	Cell adhesion molecules (CAMs); Signaling in Immune system
Function	protein binding; receptor activity