

Active Recombinant Human CD274 protein, hFc and His-tagged

Cat. No. CD274-2696H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human B7-H1 (PD-L1/CD274) Protein (NP_054862.1, 19-239aa), was expressed in HEK293 cells with C-terminal Fc tag and 6×His tag.
Species	Human
Source	HEK293
ProteinLength	19-239 aa
Form	Lyophilized from a 0.22 µm filtered solution of PBS, pH 7.4.
Bio-activity	Measured by its binding ability in a functional ELISA. Immobilized Recombinant Human PD-1 at 5 µg/mL (100 µL/well) can bind Recombinant Human PD-L1 with a linear range of 0.5-2.2 µg/mL.
Molecular Mass	70-75 kDa
Endotoxin	< 0.1 EU/µg of the protein by LAL method.
Purity	> 95% by SDS-PAGE.
Storage	Store the lyophilized protein at -20°C to -80 °C for long term. After reconstitution, the protein solution is stable at -20 °C for 3 months, at 2-8 °C for up to 1 week.

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Reconstitution Reconstitute to a concentration of 0.1-0.5 mg/mL in sterile distilled water.

GENE INFORMATION

Gene Name CD274 CD274 molecule [Homo sapiens]

Official Symbol CD274

Synonyms CD274; CD274 molecule; CD274 antigen , PDCD1LG1, programmed cell death 1 ligand 1; programmed cell death 1 ligand 1; B7 homolog 1; B7 H; B7 H1; B7H1; PD L1; PDL1; CD274 antigen; PDCD1 ligand 1; programmed death ligand 1; B7-H; PD-L1; PDCD1L1; PDCD1LG1; MGC142294; MGC142296;

Gene ID 29126

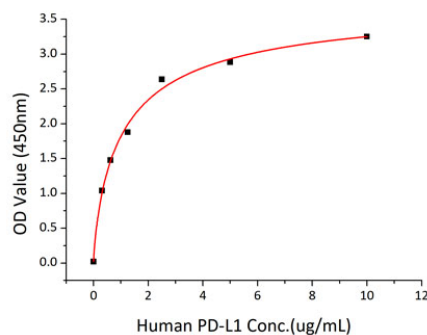
mRNA Refseq NM_014143

Protein Refseq NP_054862

MIM 605402

UniProt ID Q9NZQ7

Bio-activity

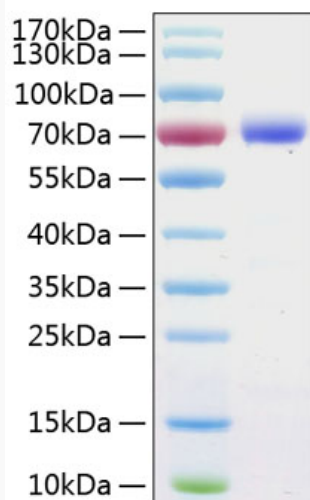


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SDS-PAGE



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