

Active Recombinant Human CD274 protein, mFc-tagged

Cat. No. CD274-2185H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Active Recombinant Human CD274 protein(Q9NZQ7) is produced by our Mammalian expression system and the target gene encoding Phe19-Thr239 is expressed with a mouse IgG1 Fc tag at the C-terminus.
Species	Human
Source	HEK293
ProteinLength	19-239 aa
Form	Lyophilized from a 0.2 µm filtered solution of PBS, pH 7.4.
Bio-activity	Immobilized Human PD-L1-mFc(CM06) at 2µg/ml (100 µl/well) can bind Anti-Human PDL1 mAb-Fc(NC014). The ED50 of Anti-Human PDL1 mAb-Fc(NC014) is 4.09 ng/ml.
Molecular Mass	50.9 Kda
Endotoxin	< 1 EU/g as determined by LAL test.
Purity	Greater than 95% as determined by reducing SDS-PAGE.
Storage	Lyophilized protein should be stored at ≤ -20°C, stable for one year after receipt. Reconstituted protein solution can be stored at 2-8°C for 2-7 days. Aliquots of reconstituted samples are stable at ≤ -20°C for 3 months.

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Reconstitution

Always centrifuge tubes before opening. Do not mix by vortex or pipetting. It is not recommended to reconstitute to a concentration less than 100µg/ml. Dissolve the lyophilized protein in distilled water. Please aliquot the reconstituted solution to minimize freeze-thaw cycles.

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](#)

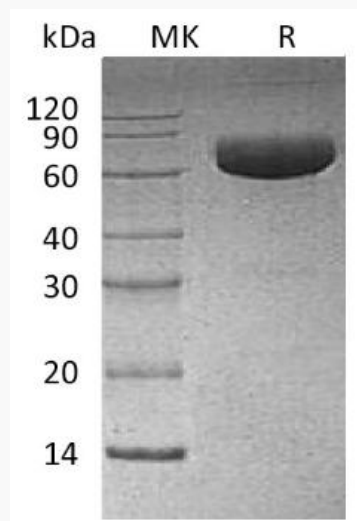
UniProt ID [Q9NZQ7](#)

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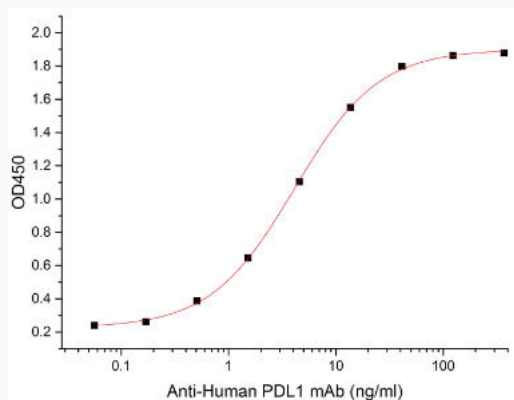
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SDS-PAGE



ELISA Data



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