

Active Recombinant Human CD274 protein, His-tagged, Low Endotoxin

Cat. No. CD274-1176H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human PD-L1/B7-H1 Protein is expressed from HEK293 with His tag at the C-Terminus. It contains Phe19-Arg238 [Accession Q9NZQ7-1].
Species	Human
Source	HEK293
ProteinLength	19-238 aa
Form	Lyophilized from 0.22µm filtered solution in PBS (pH 7.4).
Bio-activity	Immobilized Human PD-L1, His Tag at 1µg/ml (100µl/well) on the plate. Dose response curve for Anti-PD-L1 Antibody, hFc Tag with the EC50 of 0.92ng/ml determined by ELISA.
Molecular Mass	The protein has a predicted MW of 26 kDa. Due to glycosylation, the protein migrates to 35-42 kDa based on Bis-Tris PAGE result.
Endotoxin	Less than 0.01 EU per µg by the LAL method.
Purity	> 95% as determined by Bis-Tris PAGE > 95% as determined by HPLC
Storage	-20 to -80°C for 12 months as supplied from date of receipt. -80°C for 3 months after reconstitution. Recommend to aliquot the protein into smaller quantities for optimal

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storage. Please minimize freeze-thaw cycles.

Reconstitution Dissolve the lyophilized protein in 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

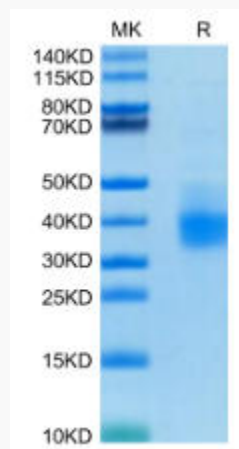
UniProt ID Q9NZQ7

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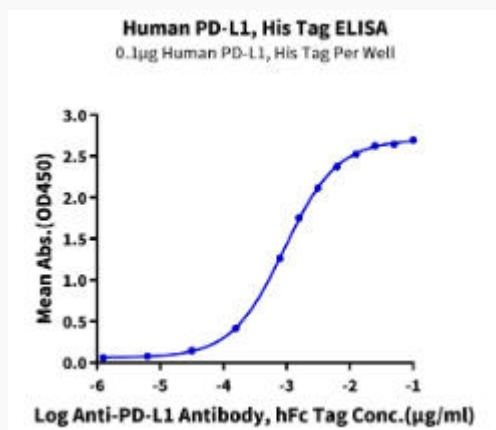
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Bis-Tris PAGE



ELISA Data



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