

Recombinant Human PDCD1 protein, hFc-Avi-tagged, Biotinylated

Cat. No. PDCD1-2392H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Biotinylated Recombinant Human PDCD1 protein(Q15116-1)(Leu25-Gln167), fused with C-terminal hFc and Avi tag, was expressed in HEK293.
Species	Human
Source	HEK293
ProteinLength	Leu25-Gln167
Tag	C-hFc-Avi
Conjugation/Label	Biotin
Form	Lyophilized from 0.22µm filtered solution in PBS (pH 7.4). Normally 5% trehalose is added as protectant before lyophilization.
Bio-activity	Immobilized Human PD-L1, mFc tag at 2ug/ml (100ul/Well). Dose response curve for Biotinylated Human PD-1, hFc tag with the EC50 of 0.23ug/ml determined by ELISA.
Molecular Mass	The protein has a predicted MW of 44.7 kDa. Due to glycosylation, the protein migrates to 65-72 kDa based on Tris-Bis PAGE result.
Endotoxin	Less than 1EU per µg by the LAL method.

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Purity	> 95% as determined by Tris-Bis PAGE;> 95% as determined by HPLC
Storage	Reconstituted protein stable at -80°C for 12 months, 4°C for 1 week. Use a manual defrost freezer and avoid repeated freeze-thaw cycles.
Reconstitution	Centrifuge tubes before opening. Reconstituting to a concentration more than 100 µg/ml is recommended. Dissolve the lyophilized protein in distilled water.
Conjugation	Biotin

GENE INFORMATION

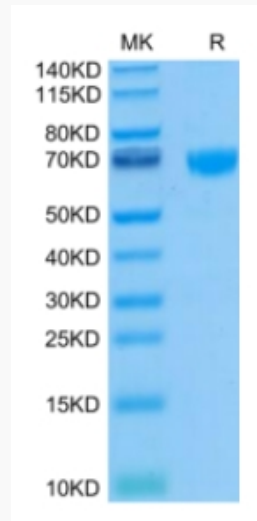
Gene Name	PDCD1 programmed cell death 1 [Homo sapiens]
Official Symbol	PDCD1
Synonyms	PDCD1; programmed cell death 1; programmed cell death protein 1; CD279; PD1; protein PD-1; PD-1; SLEB2; hPD-1; hPD-I;
Gene ID	5133
mRNA Refseq	NM_005018
Protein Refseq	NP_005009
MIM	600244
UniProt ID	Q15116

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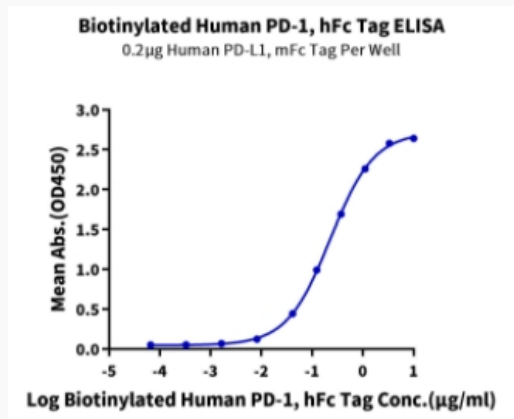
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Tris-Bis PAGE



ELISA Data



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