

Active Recombinant Human PDCD1 protein, His-Avi-tagged, Biotinylated, Low Endotoxin

Cat. No. PDCD1-259H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Biotinylated Active Recombinant Human PDCD1 protein(Q15116-1)(Leu25-Gln167) is expressed from HEK293 with His tag and Avi tag at the C-Terminus.
Species	Human
Source	HEK293
ProteinLength	25-167 aa
Form	Lyophilized from 0.22µm filtered solution in PBS (pH 7.4).
Bio-activity	Immobilized Biotinylated Human PD-1, His-Avi Tag at 2µg/ml (100µl/Well) on streptavidin (5µg/ml) precoated plate. Dose response curve for Human PD-L1, hFc Tag with the EC50 of 4.3ng/ml determined by ELISA.
Molecular Mass	The protein has a predicted MW of 18.9 kDa. Due to glycosylation, the protein migrates to 40-50 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 [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](#)

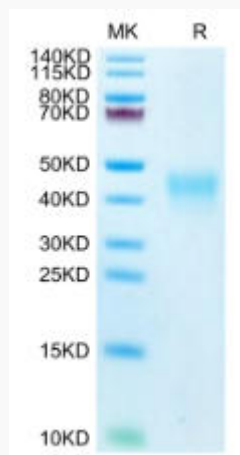
UniProt ID [Q15116](#)

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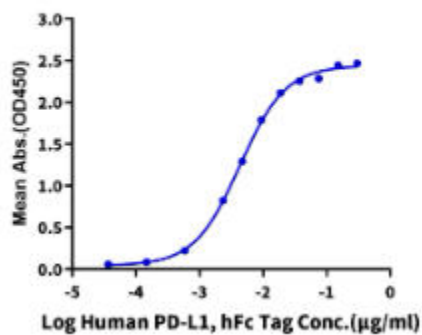
Bis-Tris PAGE



ELISA Data

Biotinylated Human PD-1, His-Avi Tag ELISA

0.2µg Biotinylated Human PD-1, His-Avi Tag Per Well



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