

## Recombinant Human PDCD1 protein, Fc-Avi-tagged

Cat. No. PDCD1-116H Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant human PD1 is expressed from mammalian with a Fc tag and Avi Tag at the C-terminal. It contains Leu25-Gln167.
<b>Species</b>	Human
<b>Source</b>	HEK293
<b>ProteinLength</b>	Leu25-Gln167
<b>Description</b>	Programmed cell death protein 1, also known as PD-1 and CD279, is a protein found on the surface of cells that has a role in regulating the immune system's response to the cells of the human body by down-regulating the immune system and promoting self tolerance by suppressing T cell inflammatory activity.
<b>Form</b>	Supplied as 0.22um filtered solution in PBS (pH 7.4).
<b>Molecular Mass</b>	The protein has a predicted MW of 44.7 kDa. Due to glycosylation, the protein migrates to 65-72 KD based on Bis-Tris PAGE result.
<b>Endotoxin</b>	Less than 0.05 EU per ug by the LAL method.
<b>Purity</b>	> 95% as determined by Bis-Tris PAGE; > 95% as determined by HPLC
<b>Storage</b>	The product should be stored at -70°C. Please do not repeated freeze-thaw cycles.

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**GENE INFORMATION**

<b>Gene Name</b>	PDCD1
<b>Official Symbol</b>	PDCD1
<b>Synonyms</b>	hPD-1; PD-1; PD1hPD-1; PDCD1; CD279 antigen; CD279;programmed cell death 1; programmed cell death protein 1; Protein PD-1; SLEB2
<b>Gene ID</b>	5133
<b>mRNA Refseq</b>	NM_005018.3
<b>Protein Refseq</b>	NP_005009.2
<b>MIM</b>	600244
<b>UniProt ID</b>	Q15116
<b>Tris-Bis PAGE of PDCD1-116H</b>	
<b>SEC-HPLC of PDCD1-116H</b>	

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