

Recombinant Human PDCD1 protein, Fc-Avi-tagged

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

SPECIFICATION

Product Overview	Recombinant human PD1 is expressed from mammalian with a Fc tag and Avi Tag at the C-terminal. It contains Leu25-Gln167.
Species	Human
Source	HEK293
ProteinLength	Leu25-Gln167
Description	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.
Form	Supplied as 0.22um filtered solution in PBS (pH 7.4).
Molecular Mass	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.
Endotoxin	Less than 0.05 EU per ug by the LAL method.
Purity	> 95% as determined by Bis-Tris PAGE; > 95% as determined by HPLC
Storage	The product should be stored at -70°C. Please do not repeated freeze-thaw cycles.

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

GENE INFORMATION

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

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