# 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** | |

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