

## Recombinant Human PDCD1 Protein (Leu25-Gln167), C-hFc and 6xHis-tagged

Cat. No. PDCD1-687H Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant Human PDCD1 Protein (Leu25-Gln167) with C-hFc and 6xHis tag was expressed in HEK293.
<b>Species</b>	Human
<b>Source</b>	HEK293
<b>ProteinLength</b>	Leu25-Gln167
<b>Description</b>	<p>This protein is expressed in pro-B-cells and is thought to play a role in their differentiation. In mice, expression of this gene is induced in the thymus when anti-CD3 antibodies are injected and large numbers of thymocytes undergo apoptosis. Mice deficient for this gene bred on a BALB/c background developed dilated cardiomyopathy and died from congestive heart failure. These studies suggest that this gene product may also be important in T cell function and contribute to the prevention of autoimmune diseases.</p>
<b>Form</b>	Lyophilized
<b>Molecular Mass</b>	42.9 kDa
<b>Purity</b>	> 90% as determined by SDS-PAGE and Coomassie blue staining.
<b>Storage</b>	Store at -80 centigrade for 12 months (Avoid repeated freezing and thawing)

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

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)  Fax: 1-631-938-8127

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

**Storage Buffer** Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 73 % trehalose is added as protectants before lyophilization.

## GENE INFORMATION

**Gene Name** PDCD1 programmed cell death 1 [ Homo sapiens (human) ]

**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

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

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)  Fax: 1-631-938-8127

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