

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

Cat. No. PDCD1-688H Lot. No. (See product label)

## SPECIFICATION

<b>Product Overview</b>	Recombinant Human PDCD1 Protein (Leu25-Gln167) with C-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>	16.8 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)

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**Storage Buffer** Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 72 % 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

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**SDS-PAGE**



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