

Recombinant Human PDCD1 Protein, DDK/His-tagged

Cat. No. PDCD1-182H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human PDCD1(Leu25 - Gln167) fused with DDK/His tag at C-terminal was expressed in HEK293.
Species	Human
Source	HEK293
ProteinLength	Leu25 - Gln167
Description	This gene encodes a cell surface membrane protein of the immunoglobulin superfamily. 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.
Form	DPBS, 10% glycerol
Molecular Mass	31.65
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Concentration	>50 ug/mL as determined by microplate BCA method

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GENE INFORMATION**Gene Name** PDCD1 programmed cell death 1 [Homo sapiens]**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  Fax: 1-631-938-8127 45-1 Ramsey Road, Shirley, NY 11967, USA