

Recombinant Human PDCD1 Protein (Leu25-Gln167), C-hFc and 6×His-tagged

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

SPECIFICATION

Product Overview	Recombinant Human PDCD1 Protein (Leu25-Gln167) with C-hFc and 6×His tag was expressed in HEK293.
Species	Human
Source	HEK293
ProteinLength	Leu25-Gln167
Description	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	Lyophilized
Molecular Mass	42.9 kDa
Purity	> 90% as determined by SDS-PAGE and Coomassie blue staining.
Storage	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  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](#)

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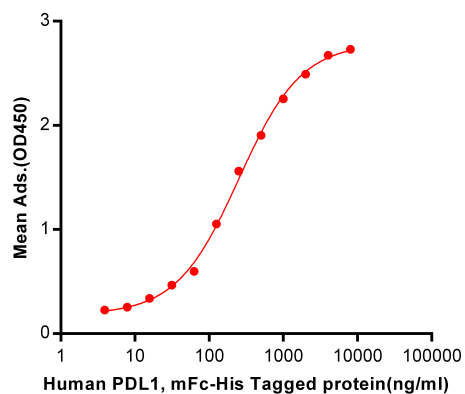
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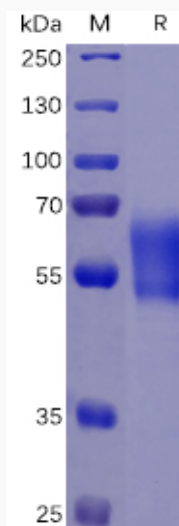
Activity

Human PD1, hFc-His Tagged protein ELISA

0.2 µg of PD1, hFc-His Tagged protein per well



SDS-PAGE



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