

Recombinant Cynomolgus monkey PDCD1 Protein, Fc-tagged

Cat. No. PDCD1-693C Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Cynomolgus monkey PDCD1 protein with Fc tag was expressed in HEK293.
Species	Cynomolgus
Source	HEK293
ProteinLength	288
Description	Programmed cell death protein 1 (PDCD1) is an immune-inhibitory receptor expressed in activated T cells; it is involved in the regulation of T-cell functions, including those of effector CD8+ T cells. In addition, this protein can also promote the differentiation of CD4+ T cells into T regulatory cells. PDCD1 is expressed in many types of tumors including melanomas, and has demonstrated to play a role in anti-tumor immunity. Moreover, this protein has been shown to be involved in safeguarding against autoimmunity, however, it can also contribute to the inhibition of effective anti-tumor and anti-microbial immunity.
Form	Lyophilized
Molecular Mass	42.6 kDa
AA Sequence	MQIQAPWPVWVAVLQLGWRPGWFLESPDRPWNAPTFSPALLLVTEGDNATFTCS FSNASESFVLNWYRMSPSNQTDKLAAPEDRSQPGQDCRFRVTRLPLNGRDFHMSV VRARRNDSGYLCAISLAPKAQIKESLRAELRVTERRAEVPTAHPSPPRPAGQFQ

 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

ALVVGVVGGLLGSLLVLLVWVLAVICSRAAQGTIEARRTGQPLKEDPSAVPVFSVDYG
ELDFQWREKTPEPPAPCVPEQTEYATIVFPSGLGTSSPARRGSADGPRSPRPLRPE
DGHCSWPL

Purity > 98%

Applications WB; ELISA; FACS; FC

Stability This bioreagent is stable at 4 centigrade (short-term) and -70 centigrade(long-term). After reconstitution, sample may be stored at 4 centigrade for 2-7 days and below -18 centigrade for future use.

Storage At -20 centigrade.

Concentration 1 mg/mL

Storage Buffer PBS (pH 7.4-7.5). Sterile-filtered colorless solution.

Reconstitution Reconstitute in sterile distilled H₂O to no less than 100 µg/mL; dilute reconstituted stock further in other aqueous solutions if needed. Please review COA for lot-specific instructions. Final measurements should be determined by the end-user for optimal performance.

GENE INFORMATION

Gene Name PDCD1 programmed cell death 1 [*Macaca mulatta* (Rhesus monkey)]

Official Symbol PDCD1

Synonyms PDCD1; programmed cell death 1; programmed cell death protein 1; PD1;

 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 ID	100135775
mRNA Refseq	NM_001114358
Protein Refseq	NP_001107830
UniProt ID	https://www.uniprot.org/uniprotkb/B0LAJ2/entry

 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