

Active Recombinant Monkey PDCD1 Protein, His-tagged, Alexa Fluor 488 conjugated

Cat. No. PDCD1-1222RAF488 **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Alexa Fluor 488 conjugated recombinant rhesus PD1 (NP_001107830.1) (Met1-Gln167) was expressed with a polyhistidine tag at the C-terminus.
Species	Monkey
Source	HEK293
ProteinLength	178
Form	Lyophilized
Bio-activity	Measured by its ability to bind human B7-H1-Fc in a functional ELISA.
Molecular Mass	20.3 kDa
N-terminal Sequence Analysis	Met
Endotoxin	< 1.0 EU/ µg of the protein as determined by the LAL method.
Purity	> 95 % as determined by SDS-PAGE
Characteristic	Disulfide-linked homodimer Labeled with Alexa Fluor 488 via amines

 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

	Excitation Wavelength: 488 nm Emission Wavelength: 515-545 nm
Stability	Samples are stable for up to 12 months from date of receipt at -70 centigrade.
Storage	Store it under sterile conditions at -20 to -70 centigrade. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.
Storage Buffer	Lyophilized from sterile PBS, pH 7.4, 5%-8% trehalose and mannitol.
Reconstitution	It is recommended that sterile water be added to the vial to prepare a stock solution of 0.25 µg/µL. Centrifuge the vial at 4 centigrade before opening to recover the entire contents.
Conjugation	Alexa Fluor 488

GENE INFORMATION

Gene Name	PDCD1 programmed cell death 1 [<i>Macaca mulatta</i>]
Official Symbol	PDCD1
Synonyms	PD1; programmed cell death protein 1
Gene ID	100135775
mRNA Refseq	NM_001114358
Protein Refseq	NP_001107830

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