

# Active Recombinant Monkey PDCD1 Protein, His-tagged, FITC conjugated

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

## SPECIFICATION

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

 Tel: 1-631-559-9269 1-516-512-3133

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

	<p>Excitation source: 488 nm spectral line, argon-ion laser</p> <p>Excitation Wavelength: 488 nm</p> <p>Emission Wavelength: 535 nm</p>
<b>Stability</b>	Samples are stable for up to 12 months from date of receipt at -70 centigrade.
<b>Storage</b>	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.
<b>Storage Buffer</b>	Lyophilized from sterile PBS, pH 7.4, 5%-8% trehalose and mannitol.
<b>Reconstitution</b>	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.
<b>Conjugation</b>	FITC
<b>GENE INFORMATION</b>	
<b>Gene Name</b>	<a href="#">PDCD1 programmed cell death 1 [ Macaca mulatta ]</a>
<b>Official Symbol</b>	<a href="#">PDCD1</a>
<b>Synonyms</b>	PD1; programmed cell death protein 1
<b>Gene ID</b>	<a href="#">100135775</a>
<b>mRNA Refseq</b>	<a href="#">NM_001114358</a>
<b>Protein Refseq</b>	<a href="#">NP_001107830</a>

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