

Recombinant Monkey PDCD1 Protein, Fc-tagged, Alexa Fluor 555 conjugated

Cat. No. PDCD1-1221RAF555 **Lot. No.** (See product label)

SPECIFICATION

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| Product Overview | Alexa Fluor 555 conjugated recombinant rhesus PD1 (NP_001107830.1) (Met1-Gln167) was expressed with the Fc region of human IgG1 at the C-terminus. |
| Species | Monkey |
| Source | HEK293 |
| ProteinLength | 381 |
| Form | Lyophilized |
| Molecular Mass | 42.7 kDa |
| N-terminal Sequence Analysis | Leu 25 |
| Endotoxin | < 1.0 EU/ µg of the protein as determined by the LAL method. |
| Purity | > 85 % as determined by SDS-PAGE |
| Characteristic | Disulfide-linked homodimer Labeled with Alexa Fluor 555 via amines With an excitation and emission maximum of 555/565 nm, Alexa Fluor 555 can be efficiently excited using a 543 nm He-Ne laser line and detected under standard |

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| | TRITC/Cy3 filters. |
| 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 555 |

GENE INFORMATION

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|------------------------|---|
| 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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