

# Recombinant Human PDCD1 Protein, Fc/His-tagged, Alexa Fluor 555 conjugated

**Cat. No.** PDCD1-3244HAF555    **Lot. No.** (See product label)

## SPECIFICATION

**Product Overview**      Alexa Fluor 555 conjugated recombinant human PDCD1 extracellular domain (Met 1-Gln 167) (NP\_005009.2), fused with the polyhistidine-tagged Fc region of human IgG1 at the C-terminus, was produced in Human Cell.

**Species**                      Human

**Source**                        HEK293

**ProteinLength**              390

**Form**                         Lyophilized

**Molecular Mass**              The recombinant human PD1/Fc is a disulfide-linked homodimeric protein. The reduced monomer consists of 390 amino acids and has a calculated molecular mass of 44 kDa. As a result of glycosylation, rhPD1/Fc monomer migrates as an approximately 60-65 kDa protein in SDS-PAGE under reducing conditions.

**Endotoxin**                      < 1.0 EU/ µg of the protein as determined by the LAL method.

**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 TRITC/Cy3 filters.

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<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
<b>Reconstitution</b>	It is recommended that sterile water be added to the vial to prepare a stock solution. Centrifuge the vial at 4 centigrade before opening to recover the entire contents.
<b>Conjugation</b>	Alexa Fluor 555

## GENE INFORMATION

<b>Gene Name</b>	<a href="#">PDCD1 programmed cell death 1 [ Homo sapiens ]</a>
<b>Official Symbol</b>	<a href="#">PDCD1</a>
<b>Gene ID</b>	<a href="#">5133</a>
<b>mRNA Refseq</b>	<a href="#">NM_005018</a>
<b>Protein Refseq</b>	<a href="#">NP_005009</a>
<b>MIM</b>	<a href="#">600244</a>
<b>UniProt ID</b>	<a href="#">Q15116</a>

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