

# Recombinant Human PDCD1 Protein, His-tagged, Alexa Fluor 488 conjugated

**Cat. No.** PDCD1-822HAF488    **Lot. No.** (See product label)

## SPECIFICATION

<b>Product Overview</b>	Alexa Fluor 488 conjugated recombinant human PDCD1 extracellular domain (Met 1-Gln 167) (NP_005009.2), fused with a C-terminal polyhistidine tag, was produced in Human Cell.
<b>Species</b>	Human
<b>Source</b>	HEK293
<b>ProteinLength</b>	154
<b>Form</b>	Lyophilized
<b>Molecular Mass</b>	The recombinant mature human PD1 consists of 154 amino acids and has a calculated molecular mass of 18 kDa. As a result of glycosylation, the rhPD1 migrates as an approximately 38-42 kDa protein in SDS-PAGE.
<b>Endotoxin</b>	< 1.0 EU/ µg of the protein as determined by the LAL method.
<b>Characteristic</b>	Disulfide-linked homodimer Labeled with Alexa Fluor 488 via amines Excitation Wavelength: 488 nm Emission Wavelength: 515-545 nm
<b>Stability</b>	Samples are stable for up to 12 months from date of receipt at -70 centigrade.

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<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 488

## GENE INFORMATION

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

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