Recombinant Human PDCD1 Protein, His-tagged, Alexa Fluor 647 conjugated

Cat. No. PDCD1-822HAF647 **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Alexa Fluor 647 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.
Species	Human
Source	HEK293
ProteinLength	154
Form	Lyophilized
Molecular Mass	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.
Endotoxin	< 1.0 EU/ μg of the protein as determined by the LAL method.
Characteristic	Disulfide-linked homodimer Labeled with Alexa Fluor 647 via amines Excitation = 650 nm Emission = 668 nm
Stability	Samples are stable for up to 12 months from date of receipt at -70 centigrade.

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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
Reconstitution	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.
Conjugation	Alexa Fluor 647

GENE INFORMATION

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

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