# Recombinant Human PDCD1LG2 Protein, His-tagged, Alexa Fluor 555 conjugated

**Cat. No.** PDCD1LG2-828HAF555 **Lot. No.** (See product label)

## SPECIFICATION

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| **Product Overview** | Alexa Fluor 555 conjugated recombinant human PDCD1LG2 extracellular domain (Met 1-Pro 219) (NP_079515.2), fused with a C-terminal polyhistidine tag, was produced in Human Cell. |
| **Species** | Human |
| **Source** | HEK293 |
| **ProteinLength** | 211 |
| **Form** | Lyophilized |
| **Molecular Mass** | The recombinant human PD-L2 consists of 211 amino acids and predicts a molecular mass of 24 kDa. As a result of glycosylation, the apparent molecular mass of rh PD-L2 is approximately 40-45 kDa in SDS-PAGE under reducing conditions. |
| **Endotoxin** | < 1.0 EU/ μg of the protein as determined by the LAL method. |
| **Characteristic** | Disulfide-linked homodimer<br>Labeled with Alexa Fluor 555 via amines<br>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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| **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 |
| **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 555 |

## GENE INFORMATION

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| **Gene Name** | PDCD1LG2 programmed cell death 1 ligand 2 [ Homo sapiens ] |
| **Official Symbol** | PDCD1LG2 |
| **Gene ID** | 80380 |
| **mRNA Refseq** | NM_025239 |
| **Protein Refseq** | NP_079515 |
| **MIM** | 605723 |
| **UniProt ID** | Q9BQ51 |

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