

## Recombinant Human PDCD1LG2 Protein (ECD), Fc-His-tagged(C-ter)

**Cat. No.** PDCD1LG2-268H    **Lot. No.** (See product label)

### SPECIFICATION

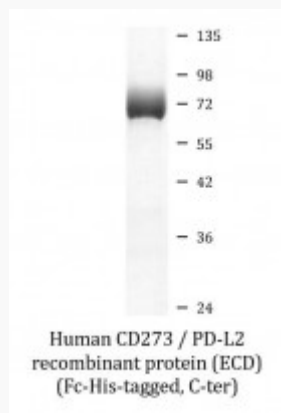
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|-------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Recombinant Human PDCD1LG2 Protein (ECD) with Fc-His tag (C-ter) was expressed in HEK293.                                                                                                                                                                                                                                 |
| <b>Species</b>          | Human                                                                                                                                                                                                                                                                                                                     |
| <b>Source</b>           | HEK293                                                                                                                                                                                                                                                                                                                    |
| <b>ProteinLength</b>    | Leu20-Pro219                                                                                                                                                                                                                                                                                                              |
| <b>Description</b>      | Involved in negative regulation of activated T cell proliferation; negative regulation of interferon-gamma production; and negative regulation of interleukin-10 production. Predicted to be located in plasma membrane. Predicted to be active in external side of plasma membrane. Biomarker of pulmonary tuberculosis. |
| <b>Form</b>             | Powder                                                                                                                                                                                                                                                                                                                    |
| <b>Endotoxin</b>        | Endotoxin level is less than 0.1 EU/μg of the protein, as determined by the LAL test.                                                                                                                                                                                                                                     |
| <b>Purity</b>           | > 95% (by SDS-PAGE)                                                                                                                                                                                                                                                                                                       |
| <b>Applications</b>     | Binding, SDS-PAGE                                                                                                                                                                                                                                                                                                         |
| <b>Notes</b>            | For laboratory research only, not for drug, diagnostic or other use.                                                                                                                                                                                                                                                      |

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|-------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Storage</b>          | Lyophilized protein should be stored at -20°C or -80°C. After reconstitution, aliquot and store at -20°C for up to one month, at 2-8°C for up to one week. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. |
| <b>Storage Buffer</b>   | PBS (pH 7.4)                                                                                                                                                                                                                                                                             |
| <b>Reconstitution</b>   | Reconstitute to a concentration of 0.1-0.5 mg/ml in sterile distilled water.                                                                                                                                                                                                             |
| <b>GENE INFORMATION</b> |                                                                                                                                                                                                                                                                                          |
| <b>Gene Name</b>        | PDCD1LG2 programmed cell death 1 ligand 2 [ Homo sapiens ]                                                                                                                                                                                                                               |
| <b>Official Symbol</b>  | PDCD1LG2                                                                                                                                                                                                                                                                                 |
| <b>Synonyms</b>         | PDCD1LG2; programmed cell death 1 ligand 2; B7 dendritic cell molecule; B7 DC; bA574F11.2; Btdc; CD273; PD L2; PDL2; B7-DC; PD-1 ligand 2; PD-1-ligand 2; PDCD1 ligand 2; butyrophilin B7-DC; programmed death ligand 2; B7DC; PD-L2; PDCD1L2; MGC142238; MGC142240;                     |
| <b>Gene ID</b>          | 80380                                                                                                                                                                                                                                                                                    |
| <b>mRNA Refseq</b>      | NM_025239                                                                                                                                                                                                                                                                                |
| <b>Protein Refseq</b>   | NP_079515                                                                                                                                                                                                                                                                                |
| <b>MIM</b>              | 605723                                                                                                                                                                                                                                                                                   |
| <b>UniProt ID</b>       | Q9BQ51                                                                                                                                                                                                                                                                                   |

**SDS-PAGE**

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