

## Recombinant Human PD-L2/CD273 Protein (His & Avi Tag)

**Catalog No.** PKSH033795

**Note:** Centrifuge before opening to ensure complete recovery of vial contents.

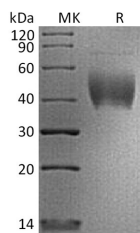
### Description

<b>Synonyms</b>	Programmed Cell Death 1 Ligand 2;PD-1 Ligand 2;PD-L2;PDCD1 Ligand 2;Programmed Death Ligand 2;Butyrophilin B7-DC;B7-DC;CD273;PDCD1LG2;B7DC;CD273;PDCD1L2;PDL2
<b>Species</b>	Human
<b>Expression Host</b>	HEK293 Cells
<b>Sequence</b>	Leu20-Pro219
<b>Accession</b>	Q9BQ51
<b>Calculated Molecular Weight</b>	25.4 kDa
<b>Observed molecular weight</b>	38-60 kDa
<b>Tag</b>	C-His-Avi
<b>Bioactivity</b>	Not validated for activity

### Properties

<b>Purity</b>	> 95 % as determined by reducing SDS-PAGE.
<b>Endotoxin</b>	< 1.0 EU per µg of the protein as determined by the LAL method.
<b>Storage</b>	Generally, lyophilized proteins are stable for up to 12 months when stored at -20 to -80°C. Reconstituted protein solution can be stored at 4-8°C for 2-7 days. Aliquots of reconstituted samples are stable at < -20°C for 3 months.
<b>Shipping</b>	This product is provided as lyophilized powder which is shipped with ice packs.
<b>Formulation</b>	Lyophilized from a 0.2 µm filtered solution of 20mM PB, 150mM NaCl, pH 7.4. Normally 5% - 8% trehalose, mannitol and 0.01% Tween 80 are added as protectants before lyophilization. Please refer to the specific buffer information in the printed manual.
<b>Reconstitution</b>	Please refer to the printed manual for detailed information.

### Data



> 95 % as determined by reducing SDS-PAGE.

### Background

#### For Research Use Only

Programmed Cell Death 1 Ligand 2 (PDCD1LG2) is a member of the BTN/MOG family. PDCD1LG2 contains one Ig-like C2-type domain and one Ig-like V-type domain. PDCD1LG2 is highly expressed in the heart; placenta; pancreas; lung and liver; it is weakly expressed in the spleen; lymph nodes; and thymus. PDCD1LG2 is involved in the costimulatory signal; essential for T-cell proliferation and IFNG production in a PDCD1-independent manner. PDCD1LG2 interaction with PDCD1 inhibits T-cell proliferation by blocking cell cycle progression and cytokine production.