

## Recombinant Human PD-L2

Catalog No: CA09

<b>Description</b>	Recombinant Human Programmed Cell Death 1 Ligand 2 is produced by our Mammalian expression system and the target gene encoding Leu20-Pro219 is expressed with a 6His tag at the C-terminus.
<b>Source</b>	Human Cells
<b>Alternative name</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>Accession No.</b>	Q9BQ51
<b>Formulation</b>	Lyophilized from a 0.2 µm filtered solution of 20mM PB,150mM NaCl,pH7.4.
<b>Quality Control</b>	Purity: Greater than 95% as determined by reducing SDS-PAGE. Endotoxin: Less than 0.1 ng/µg (1 IEU/µg) as determined by LAL test.
<b>Shipping</b>	The product is shipped at ambient temperature. Upon receipt, store it immediately at the temperature listed below.
<b>Storage</b>	Lyophilized protein should be stored at < -20°C, though stable at room temperature for 3 weeks. Reconstituted protein solution can be stored at 4-7°C for 2-7 days. Aliquots of reconstituted samples are stable at < -20°C for 3 months.
<b>Amino Acid Sequence</b>	LFTVTVPKELYIIEHGSNVTLECNFDTGSHVNLGAITASLQKVENDTSPHRERATLLEEQLPLGKASFHIPQ VQVRDEGQYQCIIYGVAWDYKYLTLKVKASYRKINTHILKVPETDEVELTCQATGYPLAEVSWPNVSVPA NTSHSRTPEGLYQVTSVLRLLKPPPGRNFS CVFWNTHVRELTASIDLQSQMEPRTHPVDHHHHHH
<b>Background</b>	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.

### SDS-Page

