

Recombinant Human PD-L2

Catalog No: CA09

Description 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.

Source Human Cells

Alternative name 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

Accession No. Q9BQ51

Formulation Lyophilized from a 0.2 µm filtered solution of 20mM PB,150mM NaCl,pH7.4.

Quality Control 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.

Shipping The product is shipped at ambient temperature.

Upon receipt, store it immediately at the temperature listed below.

Storage Lyophilized protein should be stored at < -20°C, though stable at room temperature for 3 weeks.

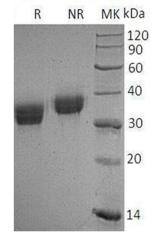
Reconstituted protein solution can be stored at 4-7°C for 2-7 days. Aliquots of reconstituted samples are stable at < -20°C for 3 months.

Amino Acid Sequence LFTVTVPKELYIIEHGSNVTLECNFDTGSHVNLGAITASLQKVENDTSPHRERATLLEEQLPLGKASFHIPQ VQVRDEGQYQCIIIYGVAWDYKYLTLKVKASYRKINTHILKVPETDEVELTCQATGYPLAEVSWPNVSVPA NTSHSRTPEGLYQVTSVLRLKPPPGRNFS CVFWNTHVRELTLASIDLQSQMEPRTHPVDHHHHHH

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

