

## 32-7742: Recombinant Human PD-L2/B7-DC/CD273 (C-6His)

**Gene :** PDCD1LG2

**Gene ID :** 80380

**Uniprot ID :** Q9BQ51

### Description

Source: Human Cells.

MW :23.59kD.

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. 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.

### Product Info

**Amount :** 10 µg / 50 µg

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

**Storage condition :** 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 :** LFTVTVPKELYIIIEHGSNVTLECNFDTGSHVNLGAIASLQKVENDTSPHRERATLLEEQLPLGKASFHIPQVQVR  
DEGQYQCIIYGVAWDYKYLTLKVKASYRKINTHILKVPETDEVELTCQATGYPLAEVSWPNVSVANTSHSRTP  
EGLYQVTSVLRLLKPPPGRNFSCVFWNTHVRELTASIDLQSQMEPRTHPVDHHHHHH

### Application Note

Always centrifuge tubes before opening. Do not mix by vortex or pipetting. It is not recommended to reconstitute to a concentration less than 100 µg/ml. Dissolve the lyophilized protein in ddH<sub>2</sub>O. Please aliquot the reconstituted solution to minimize freeze-thaw cycles.

**Endotoxin :** Less than 0.1 ng/µg (1 IEU/µg) as determined by LAL test.