

Recombinant Human PDCD1LG2 Protein, His\Avi-tagged

Cat. No. PDCD1LG2-183H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Biotinylated 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, Avi tag at the C-terminus.
Species	Human
Source	Human Cells
Protein Length	20-219 a.a.
Description	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.
Form	Lyophilized from a 0.2 µm filtered solution of 20mM PB, 150mM NaCl, pH 7.4.
AA Sequence	Leu20-Pro219
Endotoxin	Less than 0.1 ng/ug (1 EU/ug).
Shipping	Ambient

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GENE INFORMATION

Gene Name	PDCD1LG2 programmed cell death 1 ligand 2 [Homo sapiens (human)]
Official Symbol	PDCD1LG2
Synonyms	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; PDL2; B7DC; Btdc; bA574F11.2
Gene ID	80380
mRNA Refseq	NM_025239.4
Protein Refseq	NP_079515.2
MIM	605723
UniProt ID	Q9BQ51

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