

Recombinant Human PDCD1LG2 Protein, IgG1 Fc-tagged

Cat. No. PDCD1LG2-717H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant human PDCD1LG2 protein with IgG1 Fc tag was expressed in HEK293.
Species	Human
Source	HEK293
ProteinLength	273
Description	Involved in negative regulation of activated T cell proliferation; negative regulation of interferon-gamma production; and negative regulation of interleukin-10 production. Predicted to be located in plasma membrane. Predicted to be active in external side of plasma membrane. Biomarker of pulmonary tuberculosis.
Form	Lyophilized
Molecular Mass	48.9 kDa
AA Sequence	MIFLLLMLSLELQLHQIAALFTVTVPKELYIIHGSNVTLECNFDTGSHVNLGAITASLQ KVENDTSPHRERATLLEEQLPLGKASFHIPQVQVRDEGQYQCIIYGVAWDYKYLT VKASYRKINTHILKVPETDEVELTCQATGYPLAEVSWPNVSPANTSHSRTPEGLYQ VTSVLRCLKPPPGRNFCVFWNTHVRELTLASIDLQSQMEPRTHPTWLLHIFIPFCIAF IFIATVIALRKQLCQKLYSSKDTTKRPVTTTKREVNSAI
Purity	> 98%

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Applications	WB; ELISA; FACS; FC
Stability	This bioreagent is stable at 4 centigrade (short-term) and -70 centigrade(long-term). After reconstitution, sample may be stored at 4 centigrade for 2-7 days and below -18 centigrade for future use.
Storage	At -20 centigrade.
Concentration	1 mg/mL
Storage Buffer	PBS (pH 7.4-7.5). Sterile-filtered colorless solution.
Reconstitution	Reconstitute in sterile distilled H2O to no less than 100 µg/mL; dilute reconstituted stock further in other aqueous solutions if needed. Please review COA for lot-specific instructions. Final measurements should be determined by the end-user for optimal performance.

GENE INFORMATION

Gene Name	PDCD1LG2 programmed cell death 1 ligand 2 [Homo sapiens (human)]
Official Symbol	PDCD1LG2
Synonyms	PDCD1LG2; programmed cell death 1 ligand 2; B7 dendritic cell molecule; B7 DC; bA574F11.2; Btdc; CD273; PD L2; PDL2; B7-DC; PD-1 ligand 2; PD-1-ligand 2; PDCD1 ligand 2; butyrophilin B7-DC; programmed death ligand 2; B7DC; PD-L2; PDCD1L2; MGC142238; MGC142240;
Gene ID	80380
mRNA Refseq	NM_025239

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Protein Refseq	NP_079515
MIM	605723
UniProt ID	Q9BQ51

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