

Recombinant Human PDCD1LG2 Protein

Cat. No. PDCD1LG2-715H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant human PDCD1LG2 protein without 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	23.4 kDa
AA Sequence	MIFLLLMLSLELQLHQIAALFTVTVPKELYIIHGSNVTLECNFDTGSHVNLGAITASLQ KVENDTSPHRERATLLEEQLPLGKASFHIPQVQVRDEGQYQCIIYGVAWDYKYLT VKASYRKINTHILKVPETDEVELTCQATGYPLAEVSWPNVSV PANTSHSRTPEGLYQ VTSVLR LKPPPGRNFSCVFWNTHVRELT LASIDLQSQMEPRTHPTWLLHIFIPFCIIAF 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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