

Recombinant Full Length Human PDCD1LG2 Protein, C-Flag-tagged

Cat. No. PDCD1LG2-1020HFL **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Full Length Human PDCD1LG2 Protein, fused to Flag-tag at C-terminus, was expressed in Mammalian cells.
Species	Human
Source	Mammalian Cells
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	25 mM Tris HCl, pH 7.3, 100 mM glycine, 10% glycerol.
Molecular Mass	30.8 kDa
AA Sequence	MIFLLLMLSLELQLHQIAALFTVTVPKELYIIHGSNVTLECNFDTGSHVNLGAITASLQ KVENDTSPHR ERATLLEEQLPLGKASFHIPQVQVRDEGQYQCIIIGVAWDYKYLT KVKASYRKINTHILKVPETDEVE LTCQATGYPLAEVSWPNVSPANTSHSRTPEGLY QVTSVLRLKPPPGRNFSCVFWNTHVRELTASIDLQ SQMEPRTHPTWLLHIFIPSCIIAFIFIATVIALRKQLCQKLYSSKDTTKRPVTTTKREVN SAITRTRPLEQKLISEEDLAANDILDYKDDDDKV
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining.

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Stability	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
Storage	Store at -80 centigrade.
Concentration	>50 ug/mL as determined by microplate BCA method.
Preparation	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
Protein Families	Transmembrane
Protein Pathways	Cell adhesion molecules (CAMs)
Full Length	Full L.

GENE INFORMATION

Gene Name	PDCD1LG2 programmed cell death 1 ligand 2 [Homo sapiens (human)]
Official Symbol	PDCD1LG2
Synonyms	B7DC; Btdc; PDL2; CD273; PD-L2; PDCD1L2; bA574F11.2
Gene ID	80380
mRNA Refseq	NM_025239.4
Protein Refseq	NP_079515.2
MIM	605723

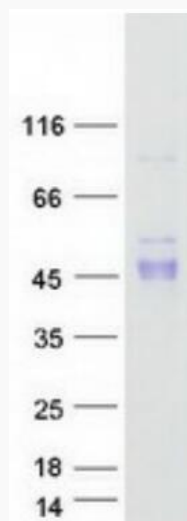
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UniProt ID

Q9BQ51



Coomassie blue staining of purified PDCD1LG2 protein.

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