

Recombinant Human PDCD1LG2 Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. PDCD1LG2-5132H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	PDCD1LG2 MS Standard C13 and N15-labeled recombinant protein (NP_079515) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
Description	Involved in the costimulatory signal, essential for T-cell proliferation and IFNG production in a PDCD1-independent manner. Interaction with PDCD1 inhibits T-cell proliferation by blocking cell cycle progression and cytokine production.
Molecular Mass	30.8 kDa
AA Sequence	MIFLLLMLSLELQLHQIAALFTVTVPKELYIIHGSNVTLECNFDTGSHVNLGAITASLQ KVENDTSPHRERATLLEEQLPLGKASFHIPQVQVRDEGQYQCIIYGVAWDYKYLTLLK VKASYRKINTHILKVPETDEVELTCQATGYPLAEVSWPNVSPANTSHSRTPEGLYQ VTSVLRLKPPPGRNFSCVFWNTHVRELTLASIDLQSQMEPRTHPTWLLHIFIPSCIIAF IFIATVIALRKQLCQKLYSSKDTTKRPVTTTKREVNSAITRTRPLEQKLISEEDLAANDIL DYKDDDDKV
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Stability	Stable for 3 months from receipt of products under proper storage and handling conditions.

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Storage	Store at -80 centigrade. Avoid repeated freeze-thaw cycles.
Concentration	50 µg/mL as determined by BCA
Storage Buffer	100 mM glycine, 25 mM Tris-HCl, pH 7.3.
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
Protein Refseq	NP_079515
MIM	605723
UniProt ID	Q9BQ51

SDS-PAGE

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