Recombinant Programmed Cell Death 1 Ligand 2, GST-tagged

Cat. No. PDCD1LG2-4491H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	PDCD1LG2 Human Recombinant produced in E.Coli is a single, non-glycosylated, Polypeptide chain fused to a GST tag containing 274 amino acids (1-274) and having a total molecular mass of 56kDa. PDCD1LG2 is purified by proprietary chromatographic techniques.
Species	Human
Source	Human
ProteinLength	1-274 a.a.
Description	PDCD1LG2 (B7-DC, CD273), is part of the B7 family of proteins. PDCD1LG2 plays an important regulatory role during the immune response of the host to the pathogen. PDCD1LG2 is a marker of angioimmunoblastic T-cell lymphoma and B-cell small lymphocytic lymphoma/chronic lymphocytic leukemia. HRV-16 infection or exposure to dsRNA induces epithelial PDCD1LG2. PDCD1LG2 functions as an inhibitor to T cell activation. PDCD1LG2 negatively regulates human T cell activation and therefore acts an a candidate protein for immunotherapeutic approaches aimed to attenuate pathological immune responses.
Form	PDCD1LG2 is supplied in 50mM Tris-Acetate, pH-7.5, 1mM EDTA and 20% Glycerol.
Physical Appearance	Sterile Filtered clear solution.
Storage	Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for

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	longer periods of time. Please avoid freeze thaw cycles.
Pathways	Cell adhesion molecules (CAMs); Signaling in Immune system

GENE INFORMATION

Gene Name	PDCD1LG2 programmed cell death 1 ligand 2 [Homo sapiens]
Official Symbol	PDCD1LG2
Synonyms	PDCD1LG2; programmed cell death 1 ligand 2; B7DC; Btdc; PDL2; CD273; PD-L2; PDCD1L2; MGC142238; MGC142240; bA574F11.2; PD-1-ligand 2; programmed death ligand 2
Gene ID	80380
mRNA Refseq	NM_025239
Protein Refseq	NP_079515
MIM	605723
UniProt ID	Q9BQ51
Chromosome Location	9p24.2
Function	molecular_function; protein binding; receptor activity

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