

Active Recombinant Human PDCD1LG2, HlgG1 Fc-tagged, mutant

Cat. No. PDCD1LG2-586H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	The extracellular domain of human CD273 [PD-L2] (NP_079515.2) (Leu20-Pro219) is fused to the N-terminus of the Fc region of a mutant human IgG1 was expressed in CHO cell.
Species	Human
Source	CHO
ProteinLength	20-219 a.a.
Description	PDCD1LG2 (programmed cell death 1 ligand 2) is a protein-coding gene. Diseases associated with PDCD1LG2 include angioimmunoblastic t-cell lymphoma, and oral lichen planus, and among its related super-pathways are Immune System and Phosphorylation of CD3 and TCR zeta chains. GO annotations related to this gene include molecular_function.
Form	Lyophilized from 0.2µm-filtered solution in PBS.
Bio-activity	Measured by its binding ability in a functional ELISA.
Molecular Mass	48.6KDa (monomer)
AA Sequence	Leu20-Pro219

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Endotoxin	<0.06 eu/μg as determined by lal test.>
Purity	>98%, by SDS-PAGE under reducing conditions.
Stability	Stable for at least 1 year after receipt when stored at -20°C. Working aliquots are stable for up to 3 months when stored at -20°C.
Reconstitution	Reconstitute at 100μg/ml in sterile PBS.
Warning	Avoid freeze/thaw cycles.

GENE INFORMATION

Gene Name	PDCD1LG2 programmed cell death 1 ligand 2 [Homo sapiens]
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

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Chromosome Location	9p24.2
Pathway	Adaptive Immune System, organism-specific biosystem; Cell adhesion molecules (CAMs), organism-specific biosystem; Cell adhesion molecules (CAMs), conserved biosystem; Costimulation by the CD28 family, organism-specific biosystem; Immune System, organism-specific biosystem; PD-1 signaling, organism-specific biosystem;
Function	molecular_function; protein tyrosine phosphatase activity; receptor activity;

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