

Recombinant Human PDCD1LG2 Protein, His-tagged

Cat. No. PDCD1LG2-2565H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human PDCD1LG2 Protein (Leu20-Thr220) with a N-His tag was expressed in 293F.
Species	Human
Source	HEK293
ProteinLength	Leu20-Thr220
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	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 24.3 kDa Accurate Molecular Mass: 35-55 kDa
Endotoxin	<1.0 EU per 1g (determined by the LAL method).
Purity	> 95%
Applications	Positive Control; Immunogen; SDS-PAGE; WB.

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Stability	The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37 centigrade for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.
Storage	Avoid repeated freeze/thaw cycles. Store at 2-8 centigrade for one month. Aliquot and store at -80 centigrade for 12 months.
Storage Buffer	20mM Tris, 150mM NaCl, pH8.0, containing 1mM EDTA, 1mM DTT, 0.01% SKL, 5% Trehalose and Proclin300.
Reconstitution	Reconstitute in 20mM Tris, 150mM NaCl (pH8.0) to a concentration of 0.1-1.0 mg/mL. Do not vortex.

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; B7DC; Btdc; PDL2; CD273; PD-L2; PDCD1L2; bA574F11.2; programmed cell death 1 ligand 2 B7 dendritic cell molecule B7-DC PD-1-ligand 2 PDCD1 ligand 2 butyrophilin B7-DC programmed death ligand 2
Gene ID	80380

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mRNA Refseq NM_025239**Protein Refseq** NP_079515**MIM** 605723**UniProt ID** Q9BQ51

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