

**PDCD1LG2, 20-200aa, Human, His tag, E.coli**

**Cat.NO.: TP03315**

3th Edition

**Synonyms:**Programmed cell death 1 ligand 2, B7DC, bA574F11.2, Btdc, CD273, PD-L2, PDCD1L2, PDL2

**Description:**Programmed cell death 1 ligand 2, also known as PDCD1LG2, is 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. Recombinant human PDCD1LG2 protein, fused to His-tag at N-terminus, was expressed in E.coli.

**Form:**Liquid. In 20mM Tris-HCl buffer (pH 8.0) containing 0.4M Urea, 10% glycerol

**Molecular Weight:**22.8 kDa (204aa)

**Sequences:**

MGSSHHHHHHSSGLVPRGSHMGSFLTVPKELYIIEHGSNVTLECNFDTGSHVNLGAITASLQKVENDTSPHRER  
ATLLEEQLPLGKASFHIPQVQVRDEGQYQCIIYGVWDYKYLTLKVKASYRKINTHILKVPETDEVELTCQATGYPLA  
EVSWPNVSPANTSHSRTPEGLYQVTSVLRLKPPPGRNFSCVFWNTHVR

**Purity:**> 95% by HPLC

**Concentration:**1 mg/ml (determined by Bradford assay)

**Endotoxin Level:**<1.0 EU per 1 ug of protein (determined by LAL method)

**Storage:**Can be stored at +4°C short term (1-2 weeks). For long term storage, aliquot and store at -20°C or -70°C. Avoid repeated freezing and thawing cycles.