

## 32-4415: Recombinant Human Programmed Cell Death 1 Ligand 2

**Alternative Name :** Programmed cell death 1 ligand 2,PD-1 ligand 2,PD-L2,PDCD1 ligand 2,Programmed death ligand 2,PDCD1LG2,B7-DC,Butyrophilin B7-DC,CD273,B7DC,CD273,PDCD1L2,PDL2,bA574F11.2,Btdc.

### Description

Source : E.coli. PDCD1LG2 Human Recombinant produced in E.Coli is a single, non-glycosylated polypeptide chain containing 204 amino acids (20-200 a.a.) and having a molecular mass of 22.8kDa.PDCD1LG2 is fused to a 23 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques. Programmed cell death 1 ligand 2 (PDCD1LG2) which takes part in the costimulatory signal, is necessary for T-cell proliferation. PDCD1LG2 is also involved in IFNG production in a PDCD1-independent way. The interaction with PDCD1 inhibits T-cell proliferation by preventing cytokine production and cell cycle progression.

### Product Info

**Amount :** 25 µg  
**Purification :** Greater than 90% as determined by SDS-PAGE.  
**Content :** PDCD1LG2 protein solution (1mg/ml) containing 20mM Tris-HCl buffer (pH8.0), 0.4M Urea and 10% glycerol.  
**Storage condition :** Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA).Avoid multiple freeze-thaw cycles.  
**Amino Acid :** MGSSHHHHHH SGLVPRGSH MGSFLTVPV KELYIIIEHGS NVTLECNFDT GSHVNLGAI  
ASLQKVENDT SPHRERATLL EEQLPLGKAS FHIPQVQVRD EGQYQCIIY GVAWDYKYLT  
LKVKASYRKI NTHILKVPET DEVELTCQAT GYPLAEVSWP NVSVPANTSH SRTPEGLYQV  
TSVLRLKPPP GRNFSCVFWN THVR.

