## 32-13359: PDCD1LG2 Human, Sf9

# Alternative Name : <br> Programmed Cell Death 1 Ligand 2, B7 Dendritic Cell Molecule, Programmed Death Ligand 2, Butyrophilin B7-DC, PDCD1 Ligand 2, PDCD1L2, B7-DC, CD273, PD-L2,B7DC, PDL2, PD-1-Ligand 2, CD273 Antigen, PD-1 Ligand 2, BA574F11.2, Btdc. 

## Description

Source: Sf9, Baculovirus cells.
Sterile Filtered colorless solution.
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.
PDCD1LG2 Human Recombinant produced in Sf9 Baculovirus cells is a single, glycosylated polypeptide chain containing 423 amino acids (20-200a.a.) and having a molecular mass of 47.7 kDa (Molecular size on SDS-PAGE will appear at approximately $40-57 \mathrm{kDa})$.PDCD1LG2 is expressed with a 239 amino acids hlgG-His tag at C-Terminus and purified by proprietary chromatographic techniques.

## Product Info

## Amount :

## Purification :

Content :

## Storage condition :

Amino Acid :
$2 \mu \mathrm{~g} / 10 \mu \mathrm{~g}$
Greater than $95.0 \%$ as determined by SDS-PAGE.
PDCD1LG2 protein solution ( $1 \mathrm{mg} / \mathrm{ml}$ ) contains Phosphate Buffered Saline ( pH 7.4 ) and $10 \%$ glycerol.
Store at $4^{\circ} \mathrm{C}$ if entire vial will be used within $2-4$ weeks. Store, frozen at $-20^{\circ} \mathrm{C}$ 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.

ADPLFTVTVP KELYIIEHGS NVTLECNFDT GSHVNLGAIT ASLQKVENDT SPHRERATLL EEQLPLGKAS FHIPQVQVRD EGQYQCIIIY GVAWDYKYLT LKVKASYRKI NTHILKVPET DEVELTCQAT GYPLAEVSWP NVSVPANTSH SRTPEGLYQV TSVLRLKPPP GRNFSCVFWN THVRLEPKSC DKTHTCPPCP APELLGGPSV FLFPPKPKDT LMISRTPEVT CVVVDVSHED PEVKFNWYVD GVEVHNAKTK PREEQYNSTY RVVSVLTVLH QDWLNGKEYK CKVSNKALPA PIEKTISKAK GQPREPQVYT LPPSRDELTK NQVSLTCLVK GFYPSDIAVE WESNGQPENN YKTTPPVLDS DGSFFLYSKL TVDKSRWQQG NVFSCSVMHE ALHNHYTQKS LSLSPGKHHH HHH.

