

PDCD1LG2, 20-200aa, Human, hlgG-His-tag, Baculovirus

Cat.NO.: TP03316

3th Edition

Synonyms:Programmed cell death 1 ligand 2, PDCD1LG2, B7DC, bA574F11.2, Btdc, CD273, PD-L2, PDCD1L2, PDL2

Description:PDCD1LG2, also known as programmed cell death 1 ligand 2, which belongs to the immunoglobulin superfamily or TN/MOG family. This protein is involved in the costimulatory signal, essential for T-cell proliferation and IFNG production in a PDCD1-independent manner. Also, its interaction with PDCD1 inhibits T-cell proliferation by blocking cell cycle progression and cytokine production. Recombinant human PDCD1LG2, fused to hlgG-His-tag at C-terminus, was expressed in insect cell and purified by using conventional chromatography techniques.

Form:Liquid. In Phosphate Buffered Saline (pH 7.4) containing 10% glycerol.

Molecular Weight:47.7kDa (423aa) 40-57kDa (SDS-PAGE under reducing conditions.)

Sequences:

Purity:> 95% by HPLC

Concentration:1.0mg/ml (determined by Absorbance at 280nm)

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.