

Product Information

MemDX™ Membrane Protein Human PDCD1LG2 (Programmed cell death 1 ligand 2)

Cat. No.: **MP0177J**

This product is for research use only and is not intended for diagnostic use.

This product is a 30.8 kDa Human PDCD1LG2 membrane protein expressed in HEK293T. The protein is for research use only and is not approved for use in humans or in clinical diagnosis.

Product Specifications

Host Species

Human

Target Protein

PDCD1LG2

Protein Length

Full-length

Protein Class

Transmembrane

Molecular Weight

30.8 kDa

TMD

1

Sequence

MIFLLMLSLQLHQAALFTVTPKELYIIEHGSNVTLECNFDTGSHVNLGAITASLQKVENDTSPHR
ERATLLEEQLPLGKASFHIPQVQVRDEGQYQCIIYGVAWDYKYLTLKVKASYRKINTHILKVPETDEVE
LTCQATGYPLAEVSWPNVSVPAANTSHSRTPEGLYQVTSVLRRLKPPPGRNFSCVFWNTHVRELTASIDLQ
SQMEPRTHPTWLLHIFIPSCIIAFIFIATVIALRKQLCQKLYSSKDTTKRPVTTTKREVNSAI

Product Description

Expression Systems

HEK293T

Tag

C-Myc/DDK

Form

Liquid

Purification

Anti-DDK affinity column followed by conventional chromatography steps

Purity

> 80% as determined by SDS-PAGE and Coomassie blue staining

Buffer

25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol

Storage

Store at +4°C for up to one week or several months at -80°C

Target**Target Protein**

PDCD1LG2

Full Name

Programmed cell death 1 ligand 2

Introduction

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.

Alternative Names

B7DC; Btdc; PDL2; CD273; PD-L2; PDCD1L2; bA574F11.2; B7 dendritic cell molecule; PD-1-ligand 2; B7-DC; butyrophilin B7-DC

Gene ID

[80380](#)

UniProt ID

[Q9BQ51](#)