

ARG70299 Human CD273 / PD-L2 recombinant protein (ECD) (Fc-His-tagged, C-ter)

Package: 100 µg
Store at: -20°C

Summary

Product Description	HEK293 expressed, Fc-His-tagged (C-ter) Human CD273 / PD-L2 recombinant protein (ECD).
Tested Reactivity	Hu
Tested Application	Binding, SDS-PAGE
Target Name	CD273 / PD-L2 (ECD)
Species	Human
A.A. Sequence	Leu20 - Pro219 of Human CD273 / PD-L2 (NP_079515.2) with an Fc-6X His tag at the C-terminus.
Expression System	HEK293
Alternate Names	B7DC; bA574F11.2; PDL2; CD antigen CD273; PD-L2; Programmed cell death 1 ligand 2; CD273; Btdc; PD1L2; Programmed death ligand 2; Butyrophilin B7-DC; B7-DC; PD-1 ligand 2; PD1L2

Application Instructions

Application Note	Binding activity test: Measured by its binding ability in a functional ELISA. Immobilized Recombinant Human PD-1 at 5µg/ml (100 µl/well) can bind Recombinant Human PD-L2 with a linear range of 0.06-0.24µg/ml.
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Properties

Form	Powder
Purification Note	0.22 µm filter sterilized. Endotoxin level is 95% (by SDS-PAGE)
Buffer	PBS (pH 7.4)
Reconstitution	Reconstitute to a concentration of 0.1 - 0.5 mg/ml in sterile distilled water.
Storage instruction	For long term, lyophilized protein should be stored at -20°C or -80°C. After reconstitution, aliquot and store at -20°C for up to one month, at 2-8°C for up to one week. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening.
Note	For laboratory research only, not for drug, diagnostic or other use.

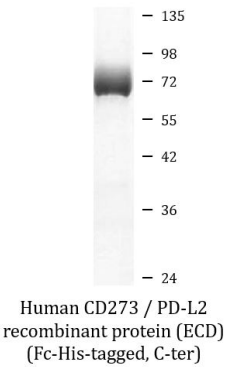
Bioinformation

Gene Symbol	PDCD1LG2
Gene Full Name	programmed cell death 1 ligand 2
Function	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 (By similarity). [UniProt]
Calculated Mw	31 kDa

Cellular Localization

Isoform 3: Secreted. Isoform 2: Endomembrane system; Single-pass type I membrane protein. Isoform 1: Cell membrane; Single-pass type I membrane protein. [UniProt]

Images



ARG70299 Human CD273 / PD-L2 recombinant protein (ECD) (Fc-His-tagged, C-ter) SDS-PAGE image

SDS-PAGE analysis of ARG70299 Human CD273 / PD-L2 recombinant protein (ECD) (Fc-His-tagged, C-ter).