

## ARG70260

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

Package: 100 µg

Store at: -20°C

### Summary

Product Description	HEK293 expressed, 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 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; PDCD1L2; Programmed death ligand 2; Butyrophilin B7-DC; B7-DC; PD-1 ligand 2; PDCD1 ligand 2

### Application Instructions

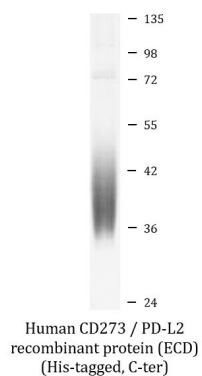
Application Note	Binding activity test: Measured by its binding ability in a functional ELISA. Immobilized Recombinant Human PD-L2 at 5µg/ml (100 µl/well) can bind Recombinant Human PD-1 with a linear range of 0.3-1.2 µg/ml.
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### Properties

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]



ARG70260 Human CD273 / PD-L2 recombinant protein (ECD) (His-tagged, C-ter) SDS-PAGE image

SDS-PAGE analysis of ARG70260 Human CD273 / PD-L2 recombinant protein (ECD) (His-tagged, C-ter).