Recombinant Human PD-L2/CD273 Protein (His Tag)

Catalog Number:PDMH100020



Note: Centrifuge before opening to ensure complete recovery of vial contents.

Description

Synonyms Programmed Cell Death 1 Ligand 2;PD-1 Ligand 2;PD-L2;PDCD1 Ligand

2;Programmed Death Ligand 2;Butyrophilin

B7-DC;B7-DC;CD273;PDCD1LG2;B7DC;CD273;PDCD1L2;PDL2

Species Human

Expression Host

Sequence
Leu20-Pro219
Accession
Q9BQ51
Calculated Molecular Weight
Observed molecular weight
Tag

HEK293 Cells
Leu20-Pro219
23.6 kDa
34-50 kDa
C-His

Properties

Purity > 95 % as determined by reducing SDS-PAGE.

Endotoxin < 1.0 EU per ug of the protein as determined by the LAL method.

Storage Generally, lyophilized proteins are stable for up to 12 months when stored at -20 to

-80°C. Reconstituted protein solution can be stored at 4-8°C for 2-7 days. Aliquots

of reconstituted samples are stable at < -20°C for 3 months.

Shipping This product is provided as lyophilized powder which is shipped with ice packs.

Formulation Lyophilized from a 0.2 µm filtered solution of 20mM PB, 150mM NaCl, pH 7.4.

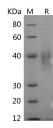
Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as

protectants before lyophilization.

Please refer to the specific buffer information in the printed man

Reconstitution Please refer to the printed manual for detailed information.

Data



> 95 % as determined by reducing SDS-PAGE.

Background

Programmed Cell Death 1 Ligand 2 (PDCD1LG2) is a member of the BTN/MOG family. PDCD1LG2 contains one Iglike C2-type domain and one Ig-like V-type domain. PDCD1LG2 is highly expressed in the heart; placenta; pancreas; lung and liver; it is weakly expressed in the spleen; lymph nodes; and thymus. PDCD1LG2 is involved in the costimulatory signal; essential for T-cell proliferation and IFNG production in a PDCD1-independent manner. PDCD1LG2 interaction with PDCD1 inhibits T-cell proliferation by blocking cell cycle progression and cytokine production.

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