

Recombinant Cynomolgus PD-L2/B7-DC/CD273 Protein (Fc Tag)



Catalog Number:PKSQ050032

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

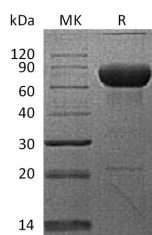
Description

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	Cynomolgus macaques
Expression Host	HEK293 Cells
Sequence	Leu20-Pro219
Accession	A4GW30
Calculated Molecular Weight	49.5 kDa
Observed molecular weight	60-90 kDa
Tag	C-Fc

Properties

Purity	> 95 % as determined by reducing SDS-PAGE.
Endotoxin	< 1.0 EU per µg 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 PBS, 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 manual.
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 Ig-like 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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