

Active Recombinant Human PDCD1LG2 protein, Fc-His-tagged

Cat. No. PDCD1LG2-827H Lot. No. (See product label)

SPECIFICATION

Product Overview	Active Recombinant Human PDCD1LG2 protein(NP_079515.2)(Leu20-Pro219) is expressed in HEK293, fused with an Fc, His tag at the C-terminus.
Species	Human
Source	HEK293
ProteinLength	20-219 aa
Form	Lyophilized from a 0.22 µm filtered solution of PBS, pH 7.4.
Bio-activity	Measured by its binding ability in a functional ELISA. Immobilized Recombinant Human PD-1 at 5 µg/mL (100 µL/well) can bind Recombinant Human PD-L2 with a linear range of 0.06-0.24 µg/mL.
Molecular Mass	49.35 kDa
Endotoxin	< 0.1 EU/µg of the protein by LAL method.
Purity	≥ 95 % as determined by SDS-PAGE.
Storage	Store at -20°C.Store the lyophilized protein at -20°C to -80°C up to 1 year from the date of receipt. After reconstitution, the protein solution is stable at -20°C for 3 months, at 2-8°C for up to 1 week.

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

Reconstitution

Centrifuge the tube before opening. Reconstitute to a concentration of 0.1-0.5 mg/mL in sterile distilled water. Avoid vortex or vigorously pipetting the protein. For long term storage, it is recommended to add a carrier protein or stabilizer (e.g. 0.1% BSA, 5% HSA, 10% FBS or 5% Trehalose), and aliquot the reconstituted protein solution to minimize free-thaw cycles.

GENE INFORMATION

Gene Name [PDCD1LG2 programmed cell death 1 ligand 2 \[Homo sapiens \]](#)

Official Symbol [PDCD1LG2](#)

Synonyms

PDCD1LG2; programmed cell death 1 ligand 2; B7 dendritic cell molecule; B7 DC; bA574F11.2; Btdc; CD273; PD L2; PDL2; B7-DC; PD-1 ligand 2; PD-1-ligand 2; PDCD1 ligand 2; butyrophilin B7-DC; programmed death ligand 2; B7DC; PD-L2; PDCD1L2; MGC142238; MGC142240;

Gene ID [80380](#)

mRNA Refseq [NM_025239](#)

Protein Refseq [NP_079515](#)

MIM [605723](#)

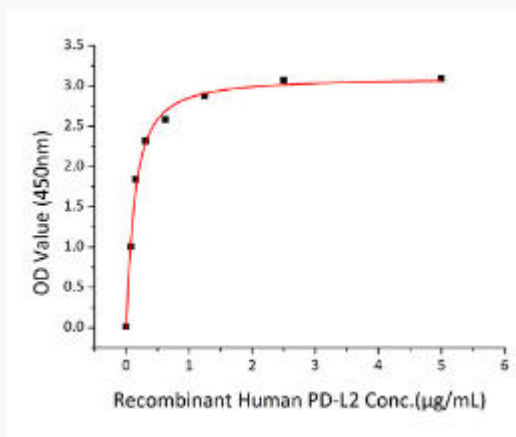
UniProt ID [Q9BQ51](#)

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Activity



SDS-PAGE

