

Active Recombinant Human PDCD1LG2 protein, His-Avi-tagged, Biotinylated

Cat. No. PDCD1LG2-053H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Biotinylated Active Recombinant Human PDCD1LG2 protein(Q9BQ51) is produced by our Mammalian expression system and the target gene encoding Leu20-Pro219 is expressed with a 6His, Avi tag at the C-terminus.
Species	Human
Source	HEK293
ProteinLength	20-219 aa
Conjugation/Label	Biotin
Form	Lyophilized from a 0.2 µm filtered solution of 20mM PB, 150mM NaCl, pH 7.4.
Bio-activity	Loaded Human PD-1-Fc on Protein A Biosensor, can bind Biotinylated Human PD-L2-His-Avi with an affinity constant of 14.6 nM as determined in BLI assay.
Molecular Mass	25.4 Kda
Endotoxin	< 1 EU/g as determined by LAL test.
Purity	Greater than 95% as determined by reducing SDS-PAGE.
Storage	Lyophilized protein should be stored at ≤ -20°C, stable for one year after receipt.

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Reconstituted protein solution can be stored at 2-8°C for 2-7 days. Aliquots of reconstituted samples are stable at ≤ -20°C for 3 months.

Reconstitution

Always centrifuge tubes before opening. Do not mix by vortex or pipetting. It is not recommended to reconstitute to a concentration less than 100µg/ml. Dissolve the lyophilized protein in distilled water. Please aliquot the reconstituted solution to minimize freeze-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

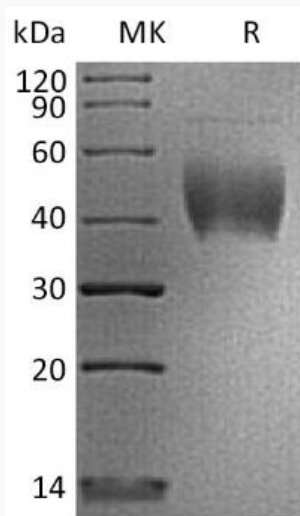
UniProt ID Q9BQ51

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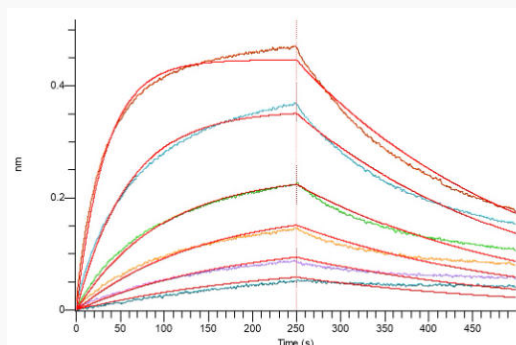
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SDS-PAGE



BLI



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