

Biotinylated Recombinant Human CD274 protein, His tagged

Cat. No. CD274-051H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human CD274 Protein (NP_054862.1, 1-239aa), was expressed in HEK293 with C-terminal his tag and AVI tag, and biotinylated conjugate.
Species	Human
Source	HEK293
ProteinLength	1-239 aa
Conjugation/Label	Biotin
Form	Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization.
Bio-activity	Measured by its ability to bind biotinylated human PDCD1-Fc in functional ELISA.
Molecular Mass	The recombinant human CD274 consists of 246 amino acids and predicts a molecular mass of 28.48 kDa. It migRates as an approximately 38.01 kDa band in SDS-PAGE under reducing conditions.
Endotoxin	< 1.0 EU per µg protein as determined by the LAL method.
Purity	≥ 95 % as determined by SDS-PAGE. ≥ 95 % as determined by SEC-HPLC.
Storage	Samples are stable for up to twelve months from date of receipt at -20°C to -80°C.

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Store it under sterile conditions at -20°C to -80°C. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.

Reconstitution

It is recommended that sterile water be added to the vial to prepare a stock solution of 0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

Conjugation

Biotin

GENE INFORMATION

Gene Name

CD274 CD274 molecule [Homo sapiens]

Official Symbol

CD274

Synonyms

CD274; CD274 molecule; CD274 antigen , PDCD1LG1, programmed cell death 1 ligand 1; programmed cell death 1 ligand 1; B7 homolog 1; B7 H; B7 H1; B7H1; PD L1; PDL1; CD274 antigen; PDCD1 ligand 1; programmed death ligand 1; B7-H; PD-L1; PDCD1L1; PDCD1LG1; MGC142294; MGC142296;

Gene ID

29126

mRNA Refseq

NM_014143

Protein Refseq

NP_054862

MIM

605402

UniProt ID

Q9NZQ7

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