

Active GMP Recombinant Human CD274 protein

Cat. No. CD274-702HG Lot. No. (See product label)

SPECIFICATION

Product Overview	GMP Recombinant Human CD274 Protein (NP_054862.1, 222aa), was expressed in HEK293 cell with C-terminal His tag (animal component-free process under cGMP guidelines).
Species	Human
Source	HEK293
ProteinLength	222 aa
Form	Freeze-dried powder contains Sterile PBS (pH 7.4) with 6% mannitol.
Bio-activity	The concentration of immobilized Human PD-1(Fc tag) is 0.5ug/mL(100uL/well), and the linear binding range that can bind to PD-L1(His tag) is 0-20 ug/mL.
Molecular Mass	Recombinant Human PD-L1 protein contains 222 aa. It has a predicted MW of 26.9 kDa.
Endotoxin	<0.1EU/ug
Purity	>=95% by SDS-PAGE and HPLC
Storage	The lyophilized preparation can be stored at 4°C for 24 months, and the dissolved liquid can be stored at -20°C for 6-12 months to avoid repeated freezing and thawing

 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 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.

GENE INFORMATION

Gene Name CD274 CD274 molecule [Homo sapiens]

Official Symbol CD274

Synonyms CD274; B7-H1; PDCD1L1; PDCD1LG1

Gene ID 29126

mRNA Refseq NM_014143

Protein Refseq NP_054862

MIM 605402

UniProt ID Q9NZQ7

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