

# Recombinant Human CD274 protein, His-tagged, Site-Specific PE-Labeled

**Cat. No.** CD274-6324H    **Lot. No.** (See product label)

## SPECIFICATION

|                         |                                                                                                                                                                                                                               |
|-------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Recombinant Human CD274 Protein (NP_054862.1, 1-239aa), was expressed in HEK293 with C-terminal His tag and site-specific PE conjugate.                                                                                       |
| <b>Species</b>          | Human                                                                                                                                                                                                                         |
| <b>Source</b>           | HEK293                                                                                                                                                                                                                        |
| <b>ProteinLength</b>    | 1-239 aa                                                                                                                                                                                                                      |
| <b>Tag</b>              | C-His                                                                                                                                                                                                                         |
| <b>Form</b>             | This product is Lyophilized from sterile PBS, pH 7.4.                                                                                                                                                                         |
| <b>Molecular Mass</b>   | The recombinant Human CD274 consists of AA Met1-Thr239 with a polyhistidine tag at the C-terminus. It has a predicted molecular mass of 28.8 kDa.                                                                             |
| <b>Endotoxin</b>        | < 1.0 EU per µg protein as determined by the LAL method.                                                                                                                                                                      |
| <b>Storage</b>          | Twelve months from date of receipt at -20°C to -70°C in lyophilized form and 3 months at -70°C under sterile conditions after reconstitution. Protect from prolonged exposure to light and avoid repeated freeze-thaw cycles. |
| <b>Reconstitution</b>   | 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.                                                 |

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## GENE INFORMATION

|                        |                                                                                                                                                                                                                                                                                    |
|------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Gene Name</b>       | CD274 CD274 molecule [ Homo sapiens ]                                                                                                                                                                                                                                              |
| <b>Official Symbol</b> | CD274                                                                                                                                                                                                                                                                              |
| <b>Synonyms</b>        | 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; |
| <b>Gene ID</b>         | 29126                                                                                                                                                                                                                                                                              |
| <b>mRNA Refseq</b>     | NM_014143                                                                                                                                                                                                                                                                          |
| <b>Protein Refseq</b>  | NP_054862                                                                                                                                                                                                                                                                          |
| <b>MIM</b>             | 605402                                                                                                                                                                                                                                                                             |
| <b>UniProt ID</b>      | Q9NZQ7                                                                                                                                                                                                                                                                             |

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