

Recombinant Mouse CD274 protein, hFc-tagged

Cat. No. CD274-4632M Lot. No. (See product label)

SPECIFICATION

| | |
|-------------------------|---|
| Product Overview | Recombinant Mouse CD274 Protein (NP_068693, 19-238aa), was expressed in HEK293 with C-terminal hFc tag. |
| Species | Mouse |
| Source | HEK293 |
| ProteinLength | 19-238 aa |
| Tag | C-hFc |
| Form | Lyophilized from 0.22µm filtered solution in PBS (pH 7.4). Normally 5% trehalose is added as protectant before lyophilization. |
| Bio-activity | Human PD-1, His Tag captured on CM5 Chip via anti-his antibody can bind Mouse PD-L1, hFc Tag with an affinity constant of 92.49 nM as determined in SPR assay (Biacore T200). |
| Molecular Mass | The protein has a predicted MW of 51.5 kDa. Due to glycosylation, the protein migrates to 70-80 kDa based on Tris-Bis PAGE result. |
| Endotoxin | Less than 1EU per µg by the LAL method. |
| Purity | > 95% as determined by Tris-Bis PAGE; > 95% as determined by HPLC |

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Storage Reconstituted protein stable at -80°C for 12 months, 4°C for 1 week. Use a manual defrost freezer and avoid repeated freeze-thaw cycles.

Reconstitution Centrifuge tubes before opening. Reconstituting to a concentration more than 100 µg/ml is recommended. Dissolve the lyophilized protein in distilled water.

GENE INFORMATION

Gene Name Cd274 CD274 antigen [*Mus musculus*]

Official Symbol CD274

Synonyms CD274; CD274 antigen; programmed cell death 1 ligand 1; B7 homolog 1; PDCD1 ligand 1; programmed death ligand 1; B7h1; Pdl1; Pdc111; Pdc11g1; A530045L16Rik;

Gene ID 60533

mRNA Refseq NM_021893

Protein Refseq NP_068693

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