

Recombinant Mouse PD-CD1 protein, hFc-tagged

Cat. No. PD-CD1-0616M Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse PD-CD1 protein(NP_032824)(Leu25-Gln167), fused with C-terminal hFc tag, was expressed in HEK293.
Species	Mouse
Source	HEK293
ProteinLength	Leu25-Gln167
Tag	C-hFc
Form	Lyophilized from 0.22µm filtered solution in PBS (pH 7.4). Normally 8% trehalose is added as protectant before lyophilization.
Bio-activity	Mouse PD-L1, His Tag captured on CM5 Chip via anti-his antibody can bind Mouse PD-1, hFc Tag with an affinity constant of 0.62 µM as determined in SPR assay (Biacore T200).
Molecular Mass	The protein has a predicted MW of 42.9 kDa. Due to glycosylation, the protein migrates to 60-70 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**

[Pdc1](#) programmed cell death 1 [*Mus musculus*]

Official Symbol

[PDCD1](#)

Synonyms

PDCD1; programmed cell death 1; programmed cell death protein 1; mPD-1; protein PD-1; PD-1; Pdc1; Ly101;

Gene ID

[18566](#)

mRNA Refseq

[NM_008798](#)

Protein Refseq

[NP_032824](#)

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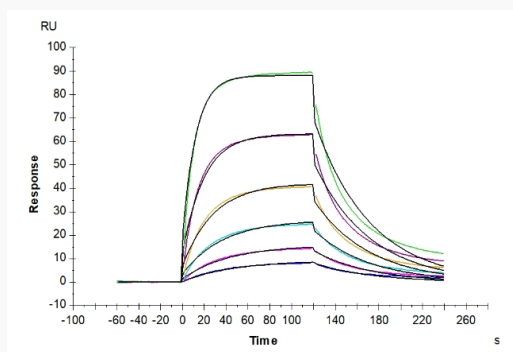
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Tris-Bis PAGE



SPR Data



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