

# Active Recombinant Mouse Pdcd1 protein, hFc-tagged, Low Endotoxin

**Cat. No.** PDCD1-0616M    **Lot. No.** (See product label)

## SPECIFICATION

|                         |                                                                                                                                                                              |
|-------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Recombinant Mouse Pdcd1 protein(NP_032824)(25-167 aa), fused with C-terminal hFc tag, was expressed in HEK293.                                                               |
| <b>Species</b>          | Mouse                                                                                                                                                                        |
| <b>Source</b>           | HEK293                                                                                                                                                                       |
| <b>ProteinLength</b>    | 25-167 aa                                                                                                                                                                    |
| <b>Form</b>             | Lyophilized from 0.22 µm filtered solution in PBS (pH 7.4). Normally 8% trehalose is added as protectant before lyophilization.                                              |
| <b>Bio-activity</b>     | 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). |
| <b>Molecular Mass</b>   | The protein has a predicted MW of 42.9 kDa. Due to glycosylation, the protein migrates to 60-70 kDa based on Bis-Tris PAGE result.                                           |
| <b>Endotoxin</b>        | Less than 0.01 EU per µg by the LAL method.                                                                                                                                  |
| <b>Purity</b>           | > 95% as determined by Bis-Tris PAGE; > 95% as determined by HPLC                                                                                                            |
| <b>Storage</b>          | -20 to -80°C for 12 months as supplied from date of receipt. -80°C for 3 months after                                                                                        |

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reconstitution. Recommend to aliquot the protein into smaller quantities for optimal storage. Please minimize freeze-thaw cycles.

**Reconstitution** Dissolve the lyophilized protein in distilled water.

## GENE INFORMATION

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

**Official Symbol** [Pdc1](#)

**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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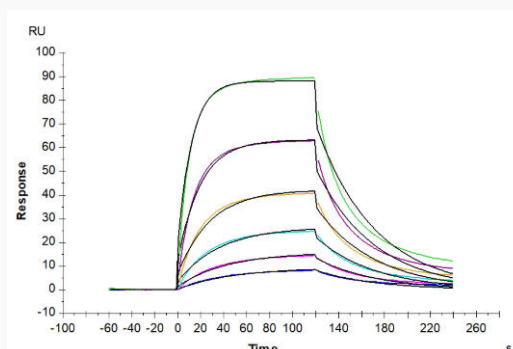
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## Bis-Tris PAGE



## SPR Data



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