

Active Biotinylated Recombinant Mouse Pdcd1 protein (Met1-Gln167), His-tagged

Cat. No. Pdcd1-823MB **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse PDCD1 (NP_032824.1)(Met1-Gln167) was expressed with a polyhistidine tag at the C-terminus.
Species	Mouse
Source	HEK293
Protein Length	Met1-Gln167
Conjugation/Label	Biotin
Form	Lyophilized from sterile PBS. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization.
Bio-activity	Measured by its ability to bind PD-L2 Protein, Human, Recombinant (His & hFc Tag) in a functional ELISA.
Molecular Mass	The secreted recombinant mouse PDCD1 consists of 154 amino acids and has a predicted molecular mass of 17.6 kDa.
Endotoxin	< 1.0 EU per µg protein as determined by the LAL method.
Purity	> 95 % as determined by SDS-PAGE

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Storage	Samples are stable for up to twelve months from date of receipt at -20°C to -80°C. Store it under sterile conditions at -20°C to -80°C. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.
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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.
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Conjugation	Biotin
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GENE INFORMATION

Gene Name	Pdcd1 programmed cell death 1 [<i>Mus musculus</i>]
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Official Symbol	Pdcd1
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Synonyms	PDCD1; programmed cell death 1; programmed cell death protein 1; mPD-1; protein PD-1; PD-1; Pdc1; Ly101;
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Gene ID	18566
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mRNA Refseq	NM_008798
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Protein Refseq	NP_032824
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