Recombinant Mouse PDCD1LG2 protein(Met1-Arg219), His-tagged, Biotinylated

Cat. No. PDCD1LG2-841M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Biotinylated Recombinant Mouse PDCD1LG2 (Q9WUL5) (Met1-Arg219) was expressed in HEK293, with a C-terminal polyhistidine tag.
Species	Mouse
Source	HEK293
ProteinLength	Met1-Arg219
Conjugation/Label	Biotin
Form	Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization.
Bio-activity	1. Measured by its binding ability in a functional ELISA. 2. Immobilized mouse PD-L2-his at 10 μg/mL (100 μl/well) can bind mouse PD1-Fc. The EC50 of mouse PD1-Fc is 1.63 μg/mL.
Molecular Mass	The recombinant human PDCD1LG2 consists of 211 amino acids and predicts a molecular mass of 24 kDa.
Endotoxin	< 1.0 EU per μg protein as determined by the LAL method.
Purity	> 90 % 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.
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.
Conjugation	Biotin

GENE INFORMATION

Gene Name	Pdcd1lg2 programmed cell death 1 ligand 2 [Mus musculus]
Official Symbol	PDCD1LG2
Synonyms	PDCD1LG2; programmed cell death 1 ligand 2; PD-1 ligand 2; PDCD1 ligand 2; butyrophilin B7-DC; butyrophilin-like protein; programmed death ligand 2; Btdc; B7-DC; PD-L2; F730015O22Rik; MGC124039; MGC124040;
Gene ID	58205
mRNA Refseq	NM_021396
Protein Refseq	NP_067371

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