

Active Recombinant Rat Pdcd1lg2 protein, His-tagged

Cat. No. Pdcd1lg2-542R **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Rat Pdcd1lg2 protein(NP_001101052.2)(Met1-Arg219), fused with His tag, was expressed in HEK293.
Species	Rat
Source	HEK293
ProteinLength	Met1-Arg219
Form	Lyophilized from sterile PBS, pH 7.4. Please contact us for any concerns or special requirements. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization. Please refer to the specific buffer information in the hard copy of CoA.
Bio-activity	Measured by its binding ability in a functional ELISA. Immobilized rat PDCD1LG2-His at 10 µg/ml (100 µl/well) can bind rat PDCD1-Fc, The EC50 of rat PDCD1-Fc is 15-35 ng/ml.
Molecular Mass	The recombinant rat PDCD1LG2 comprises 211 amino acids and predicts a molecular mass of 23.9 kDa. The apparent molecular mass of the recombinant protein is approximately 35.7 kDa in SDS-PAGE under reducing conditions.
Endotoxin	< 1.0 EU per µg of the protein as determined by the LAL method
Purity	> 95 % as determined by SDS-PAGE

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

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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GENE INFORMATION

Gene Name	Pdcd1lg2 programmed cell death 1 ligand 2 [Rattus norvegicus]
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Official Symbol	Pdcd1lg2
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Synonyms	PDCD1LG2; programmed cell death 1 ligand 2;
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Gene ID	309304
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mRNA Refseq	NM_001107582
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Protein Refseq	NP_001101052
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