

Active Recombinant Cynomolgus PDCD1LG2, Fc tagged

Cat. No. PDCD1LG2-128C **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Cynomolgus PDCD1LG2 (A4GW30) (Met1-Pro219), fused with the Fc region of human IgG1 at the C-terminus, was produced in Human Cells.
Species	Cynomolgus
Source	HEK293
ProteinLength	Met1-Pro219
Form	Lyophilized from sterile 50 mM Tris, pH 8.0. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization.
Bio-activity	Measured by its binding ability in a functional ELISA. Immobilized human PD1-His at 10 µg/ml (100 µl/well) can bind Cynomolgus PDCD1LG2-Fc, The EC50 of Cynomolgus PDCD1LG2-Fc is 30.0-75.0 ng/ml.
Molecular Mass	The recombinant cynomolgus PDCD1LG2 is a disulfide-linked homodimer. The reduced monomer comprises 441 amino acids and has a calculated molecular mass of 49.6 KDa. The apparent molecular mass of the protein is approximately 66 KDa respectively in SDS-PAGE.
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.

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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