

Active Recombinant Cynomolgus/Rhesus CD274 protein(1-239aa), Fc-tagged

Cat. No. CD274-131C **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Cynomolgus / Rhesus CD274 Protein (XP_015292694.1, 1-239aa), was expressed in HEK293 with C-terminal human IgG1 Fc tag.
Species	Cynomolgus/Rhesus
Source	HEK293
ProteinLength	1-239 aa
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	Measured by its binding ability in a functional ELISA. Immobilized human PD1-His at 10 µg/ml (100 µl/well) can bind Cynomolgus CD274-Fc, The EC50 of Cynomolgus CD274-Fc is 0.5-1.3 µg/ml.
Molecular Mass	The recombinant Cynomolgus / rhesus CD274 comprises 462 amino acids and has a calculated molecular mass of 52.3 KDa.
Endotoxin	< 1.0 EU per µg of the protein as determined by the LAL method
Purity	> 95 % as determined by SDS-PAGE
Storage	Samples are stable for up to twelve months from date of receipt at -20°C to -80°C.

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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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