

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

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

### SPECIFICATION

<b>Product Overview</b>	Recombinant Cynomolgus / Rhesus CD274 Protein (XP_015292694.1, 1-239aa), was expressed in HEK293 with C-terminal human IgG1 Fc tag.
<b>Species</b>	Cynomolgus/Rhesus
<b>Source</b>	HEK293
<b>ProteinLength</b>	1-239 aa
<b>Form</b>	Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization.
<b>Bio-activity</b>	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.
<b>Molecular Mass</b>	The recombinant Cynomolgus / rhesus CD274 comprises 462 amino acids and has a calculated molecular mass of 52.3 KDa.
<b>Endotoxin</b>	< 1.0 EU per µg of the protein as determined by the LAL method
<b>Purity</b>	> 95 % as determined by SDS-PAGE
<b>Storage</b>	Samples are stable for up to twelve months from date of receipt at -20°C to -80°C.

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

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)     Fax: 1-631-938-8127

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



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.

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

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)  Fax: 1-631-938-8127

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