

# Recombinant Cynomolgus CD274 Protein, His-tagged, Alexa Fluor 647 conjugated

Cat. No. CD274-131CAF647 Lot. No. (See product label)

## SPECIFICATION

<b>Product Overview</b>	Recombinant Cynomolgus CD274 Protein (F6VEW6, 1-239aa), was expressed in Human Cells with C-terminal his tag and Alexa Fluor 647 conjugate.
<b>Species</b>	Monkey
<b>Source</b>	HEK293
<b>ProteinLength</b>	1-239 aa
<b>Form</b>	Lyophilized
<b>Molecular Mass</b>	The recombinant cynomolgus/rhesus CD274 comprises 232 amino acids and has a calculated molecular mass of 26.7 kDa. The apparent molecular mass of it is approximately 37 kDa in SDS-PAGE.
<b>N-terminal Sequence Analysis</b>	Phe 19
<b>Endotoxin</b>	< 1.0 EU/ µg of the protein as determined by the LAL method.
<b>Purity</b>	> 95 % as determined by SDS-PAGE
<b>Characteristic</b>	Disulfide-linked homodimer Labeled with Alexa Fluor 647 via amines

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	Excitation = 650 nm Emission = 668 nm
<b>Stability</b>	Samples are stable for up to 12 months from date of receipt at -70 centigrade.
<b>Storage</b>	Store it under sterile conditions at -20 to -70 centigrade. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.
<b>Storage Buffer</b>	Lyophilized from sterile PBS, pH 7.4. Normally 5%-8% trehalose and mannitol are added as protectants before lyophilization.
<b>Reconstitution</b>	It is recommended that sterile water be added to the vial to prepare a stock solution. Centrifuge the vial at 4 centigrade before opening to recover the entire contents.
<b>Conjugation</b>	Alexa Fluor 647

## GENE INFORMATION

<b>Gene Name</b>	CD274 centigrade D274 molecule [Macaca fascicularis(crab-eating macaque) ]
<b>Official Symbol</b>	CD274
<b>Gene ID</b>	102145573
<b>mRNA Refseq</b>	XM_005581780
<b>Protein Refseq</b>	XP_005581837

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