

Recombinant Cynomolgus CD274 Protein, His-tagged, Alexa Fluor 555 conjugated

Cat. No. CD274-131CAF555 **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Cynomolgus CD274 Protein (F6VEW6, 1-239aa), was expressed in Human Cells with C-terminal his tag and Alexa Fluor 555 conjugate.
Species	Monkey
Source	HEK293
ProteinLength	1-239 aa
Form	Lyophilized
Molecular Mass	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.
N-terminal Sequence Analysis	Phe 19
Endotoxin	< 1.0 EU/ µg of the protein as determined by the LAL method.
Purity	> 95 % as determined by SDS-PAGE
Characteristic	Disulfide-linked homodimer Labeled with Alexa Fluor 555 via amines

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With an excitation and emission maximum of 555/565 nm, Alexa Fluor 555 can be efficiently excited using a 543 nm He-Ne laser line and detected under standard TRITC/Cy3 filters.

Stability	Samples are stable for up to 12 months from date of receipt at -70 centigrade.
Storage	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.
Storage Buffer	Lyophilized from sterile PBS, pH 7.4. Normally 5%-8% trehalose and mannitol are added as protectants before lyophilization.
Reconstitution	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.
Conjugation	Alexa Fluor 555

GENE INFORMATION

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

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