

# Recombinant Monkey CD274 Protein, Fc-tagged, Alexa Fluor 555 conjugated

**Cat. No.** CD274-130CAF555    **Lot. No.** (See product label)

## SPECIFICATION

|                                     |   |
|-------------------------------------|---|
| <b>Product Overview</b>             | Recombinant Monkey CD274 Protein (F6VEW6, 1-239aa), was expressed in Human Cells with C-terminal human IgG1 Fc tag and Alexa Fluor 555 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 CD274 comprises 462 amino acids and has a calculated molecular mass of 52.3 kDa. The apparent molecular mass of the protein is approximately 62-68 kDa respectively 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<br>Labeled with Alexa Fluor 555 via amines   |

 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

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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