

# Recombinant Monkey CD40 Protein, Fc-tagged, Alexa Fluor 488 conjugated

**Cat. No.** CD40-8823CAF488    **Lot. No.** (See product label)

## SPECIFICATION

|                         |                                                                                                                                                                                                                                                              |
|-------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Alexa Fluor 488 conjugated recombinant Monkey CD40 (Met1-Arg193), fused with the Fc region of human IgG1 at the C-terminus, was produced in Human Cell.                                                                                                      |
| <b>Species</b>          | Monkey                                                                                                                                                                                                                                                       |
| <b>Source</b>           | HEK293                                                                                                                                                                                                                                                       |
| <b>ProteinLength</b>    | 414                                                                                                                                                                                                                                                          |
| <b>Form</b>             | Lyophilized                                                                                                                                                                                                                                                  |
| <b>Molecular Mass</b>   | The recombinant cynomolgus CD40 is a disulfide-linked homodimer. The reduced monomer comprises 414 amino acids and has a calculated molecular mass of 46.2 kDa. The apparent molecular mass of the protein is approximately 56 kDa respectively in SDS-PAGE. |
| <b>Endotoxin</b>        | < 1.0 EU/ µg of the protein as determined by the LAL method.                                                                                                                                                                                                 |
| <b>Characteristic</b>   | Disulfide-linked homodimer<br>Labeled with Alexa Fluor 488 via amines<br>Excitation Wavelength: 488 nm<br>Emission Wavelength: 515-545 nm                                                                                                                    |
| <b>Stability</b>        | Samples are stable for up to 12 months from date of receipt at -70 centigrade.                                                                                                                                                                               |

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|                       |                                                                                                                                                                           |
|-----------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <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 a 0.2 µm filtered solution of PBS, pH 7.4                                                                                                                |
| <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 488                                                                                                                                                           |

## GENE INFORMATION

|                        |                                                                                                             |
|------------------------|-------------------------------------------------------------------------------------------------------------|
| <b>Gene Name</b>       | CD40 centigrade D40 molecule, TNF receptor superfamily member 5 [Macaca fascicularis(crab-eating macaque) ] |
| <b>Official Symbol</b> | CD40                                                                                                        |
| <b>Gene ID</b>         | 102118696                                                                                                   |
| <b>mRNA Refseq</b>     | XM_005569218                                                                                                |
| <b>Protein Refseq</b>  | XP_005569275                                                                                                |

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