

## Active Recombinant Rhesus macaque CD40 protein, His-tagged

**Cat. No.** CD40-740R    **Lot. No.** (See product label)

### SPECIFICATION

|                         |                                                                                                                                                                                      |
|-------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Recombinant Rhesus macaque CD40 protein(Glu 21 - Arg 193 ), fused with His tag, was expressed in HEK293.                                                                             |
| <b>Species</b>          | Rhesus macaque                                                                                                                                                                       |
| <b>Source</b>           | HEK293                                                                                                                                                                               |
| <b>ProteinLength</b>    | Glu 21 - Arg 193                                                                                                                                                                     |
| <b>Form</b>             | Lyophilized from 0.22 µm filtered solution in PBS, pH7.4. Normally trehalose is added as protectant before lyophilization.                                                           |
| <b>Bio-activity</b>     | Immobilized Rhesus macaque CD40, His Tag at 1 µg/mL (100 µL/well) can bind Human / Rhesus macaque CD40 Ligand, Mouse IgG2a Fc Tag, low endotoxin with a linear range of 0.6-5 ng/mL. |
| <b>Molecular Mass</b>   | This protein carries a polyhistidine tag at the C-terminus.The protein has a calculated MW of 21.1 kDa. The protein migrates as 30-34 kDa under reducing (R) condition (SDS-PAGE).   |
| <b>Endotoxin</b>        | Less than 1.0 EU per µg by the LAL method.                                                                                                                                           |
| <b>Purity</b>           | >95% as determined by SDS-PAGE.                                                                                                                                                      |

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|-----------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Storage</b>        | For long term storage, the product should be stored at lyophilized state at -20°C or lower. Please avoid repeated freeze-thaw cycles. This product is stable after storage at: -20°C to -70°C for 12 months in lyophilized state; -70°C for 3 months under sterile conditions after reconstitution. |
| <b>Reconstitution</b> | 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.                                                                                                                       |

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