

Active Recombinant Cynomolgus CD40 protein, His-tagged

Cat. No. CD40-23C **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Cynomolgus CD40 protein(Glu 21 - Arg 193), fused with His tag, was expressed in HEK293.
Species	Cynomolgus
Source	HEK293
ProteinLength	Glu 21 - Arg 193
Form	Lyophilized from 0.22 µm filtered solution in PBS, pH7.4. Normally trehalose is added as protectant before lyophilization.
Bio-activity	Immobilized Cynomolgus CD40, His Tag at 5 µg/mL (100 µL/well) can bind Mouse CD40 Ligand, Fc Tag with a linear range of 1-6.6 ng/mL. Immobilized Cynomolgus CD40, His Tag at 5 µg/mL (100 µL/well) can bind Human / Rhesus macaque CD40 Ligand, Mouse IgG2a Fc Tag, low endotoxin with a linear range of 0.3-5 ng/mL.
Molecular Mass	This protein carries a polyhistidine tag at the C-terminus. The protein has a calculated MW of 21.1 kDa. The protein migrates as 26-32 kDa under reducing (R) condition (SDS-PAGE).
Endotoxin	Less than 1.0 EU per µg by the LAL method.
Purity	>95% as determined by SDS-PAGE.

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Storage	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.
Reconstitution	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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