

Active Recombinant Rhesus macaque CTGF protein, His-tagged

Cat. No. CTGF-2982R **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Rhesus macaque CTGF protein(Gln 27-Ala 349), fused with His tag, was expressed in HEK293.
Species	Rhesus macaque
Source	HEK293
ProteinLength	Gln 27-Ala 349
Form	Lyophilized from 0.22 µm filtered solution in 5 mM HAC,100 mM NaCl, pH 5.5. Normally Sucrose is added as protectant before lyophilization.
Bio-activity	Immobilized Rhesus macaque CTGF, His Tag at 1 µg/mL (100 µL/well) can bind Monoclonal Anti-Human CTGF Antibody, Human IgG1 with a linear range of 0.1-2 ng/mL.
Molecular Mass	This protein carries a polyhistidine tag at the C-terminus.The protein has a calculated MW of 37.3 kDa. The protein migrates as 40-45 kDa under reducing (R) condition (SDS-PAGE) due to glycosylation.
Endotoxin	Less than 1.0 EU per µg by the LAL method.
Purity	>90% 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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