

Recombinant Cynomolgus TGFB1 Protein(Leu 30 - Ser 390 (C33S)), His-tagged

Cat. No. TGFB1-028C **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Cynomolgus TGFB1 Protein(Leu 30 - Ser 390 (C33S))(XP_005589396.1) was expressed in HEK293, with a polyhistidine tag at the N-terminus.
Species	Cynomolgus
Source	HEK293
ProteinLength	Leu 30 - Ser 390 (C33S)
Form	Lyophilized from 0.22 µm filtered solution in PBS, pH7.4 with trehalose as protectant.
Bio-activity	Immobilized Cynomolgus Latent TGF-Beta 1 (C33S), His Tag at 2 µg/mL (100 µL/well) can bind Biotinylated Human ITGAV&ITGB6 Heterodimer Protein, His,Avitag&Tag Free with a linear range of 1-31 ng/mL.
Molecular Mass	The protein migrates as 50-60 kDa (precursor proprotein), 38-45 kDa (LAP) and 13 kDa (TGFB1) 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. >90% as determined by SEC-HPLC.

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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.

SDS-PAGE

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