Active Recombinant Cynomolgus TGFB1 Protein, His-tagged

Cat. No. TGFB1-1215C **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant cynomolgus TGFB1 (Met1-Ser390) was expressed with a polyhistidine tag at the C-terminus.
Species	Cynomolgus
Source	HEK293
ProteinLength	1-390 a.a.
Predicted N Terminal	Leu 30
Form	Lyophilized from sterile PBS, pH 7.4, 5%~8% trehalose and mannitol.
Bio-activity	1. Measured by its binding ability in a functional ELISA. 2. Immobilized Cynomolgus TGFB1-His at 10 μg/mL (100 μL/well) can bind Cynomolgus TGFBR2-Fc. The EC50 of Cynomolgus TGFBR2-Fc is 28-56 ng/mL.
Molecular Mass	The recombinant cynomolgus TGFB1 consists 372 amino acids and predicts a molecular mass of 42.7 kDa.
Endotoxin	< 1.0 EU per μg of the protein as determined by the LAL method.
Purity	>95 % as determined by SDS-PAGE.
Stability	Samples are stable for up to twelve months from date of receipt at -70ºC.

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Storage	Store it under sterile conditions at -20ºC~-70ºC. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.
Reconstitution	It is recommended that sterile water be added to the vial to prepare a stock solution of 0.25 ug/ul. Centrifuge the vial at 4℃ before opening to recover the entire contents.

GENE INFORMATION

Gene Name	TGFB1 transforming growth factor beta 1 [Macaca fascicularis]
Official Symbol	TGFB1
Synonyms	transforming growth factor beta 1; transforming growth factor, beta 1
Gene ID	102129546
mRNA Refseq	
Protein Refseq	
MIM	
UniProt ID	
Chromosome Location	chromosome: 19
Pathway	AGE-RAGE signaling pathway in diabetic complications, organism-specific biosystem; Chronic myeloid leukemia, conserved biosystem; Dilated cardiomyopathy, organism-specific biosystem

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