

Cynomolgus TGF-beta 1/TGFB1 (His Tag) recombinant protein



Catalog Number: 504900

General Information

Protein Construction

A DNA sequence encoding the cynomolgus TGFB1 (Met1-Ser390) was expressed with a polyhistidine tag at the C-terminus.

Organism

Cynomolgus

Expression Host

Human Cells

QC Testing

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 TGFB2-Fc (Cat:502476). The EC₅₀ of Cynomolgus TGFB2-Fc (Cat:502476) is 28-56 ng/mL.

Purity

> 95 % as determined by SDS-PAGE.

Endotoxin

< 1.0 EU per µg protein as determined by the LAL method.

Stability

Samples are stable for up to twelve months from date of receipt at -70°C

Predicted N terminal

Leu 30

Molecular Mass

The recombinant cynomolgus TGFB1 consists 372 amino acids and predicts a molecular mass of 42.7 kDa.

Formulation

Lyophilized from sterile PBS, pH 7.4.

1. 5 % trehalose and mannitol are added as protectants before lyophilization.
2. Please contact us for any concerns or special requirements.

Usage Guide

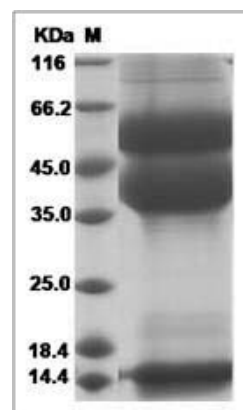
Storage

Store it under sterile conditions at -20°C to -80°C. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.

Reconstitution

Adding sterile water, prepare a stock solution of 0.25 mg/ml. Concentration is measured by UV-Vis.

SDS-PAGE



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