

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



Catalog Number: 500534

General Information

Gene Name Synonym

Latency-associated peptide

Protein Construction

A DNA sequence encoding the rat Latent TGFB1 (P17246) (Met1-Ser390) was expressed with a polyhistidine tag at the C-terminus.

Organism

Rat

Expression Host

Human Cells

QC Testing

Purity

> 90 % as determined by SDS-PAGE

Endotoxin

< 1.0 EU per μg of the 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 rat Latent TGFB1 comprises 372

amino acids and predicts a molecular mass of 42.7 kDa. The apparent molecular mass of the recombinant protein is approximately 55, 38 and 16 kDa in SDS-PAGE under reducing conditions due to glycosylation.

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

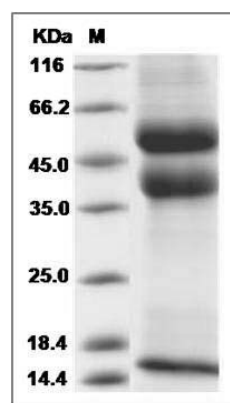
Storage

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



Rat Latent TGF-beta 1 / TGFB1 Protein (His Tag) SDS-PAGE