

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



Catalog Number: 501218

## General Information

### Gene Name Synonym

Latency-associated peptide

### Protein Construction

A DNA sequence encoding the mouse Latent TGFB1 (P04202) (Met1-Ser390) was expressed with a C-terminal polyhistidine tag.

### Organism

Mouse

### Expression Host

Human Cells

## QC Testing

### Purity

(14.2+53.0+31.6) % 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 mouse Latent TGFB1 comprises

372 amino acids and has a predicted molecular mass of 42.7 kDa. The apparent molecular mass of the protein is approximately 54, 41 and 15 kDa in SDS-PAGE under reducing conditions.

### 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

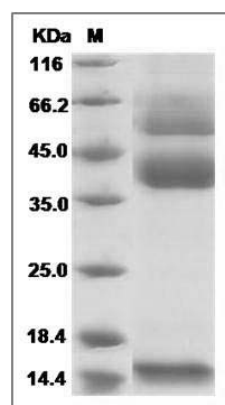
### Storage

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



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