

Recombinant Cynomolgus Cyno Latent TGF beta 1 Protein

Catalog No.: RP02213 **Recombinant**

Sequence Information

Species	Gene ID	Swiss Prot
Cynomolgus	102129546	A0A2K5TJB2

Tags

N-His

Synonyms

TGFB1

Product Information

Source	Purification
HEK293 cells	> 95% as determined by Bis-Tris PAGE

Endotoxin

< 0.1 EU per µg by the LAL method.

Formulation

Lyophilized from 0.22µm filtered solution in PBS (pH 7.4). Normally 5 % trehalose is added as protectant before lyophilization.

Reconstitution

Centrifuge tubes before opening. Reconstituting to a concentration more than 100 µg/ml is recommended. Dissolve the lyophilized protein in distilled water.

Background

Latent TGF beta 1 cDNA encodes a 390 amino acid precursor that contains a 29 aa signal peptide and a 361 aa proprotein . A furinlike convertase processes the proprotein to generate an Nterminal 249 aa latencyassociated peptide (LAP) and a Cterminal 112 aa mature TGF beta 1. Disulfidelinked homodimers of LAP and TGF beta 1 remain noncovalently associated after secretion, forming the small latent TGF beta 1 complex .

Basic Information

Description

Recombinant Cynomolgus Cyno Latent TGF beta 1 Protein is produced by HEK293 cells expression system. The target protein is expressed with sequence (Leu30-Ser390) of cynomolgus Cyno Latent TGF beta 1 (Accession #) fused with a His tag at the N-terminus.

Bio-Activity

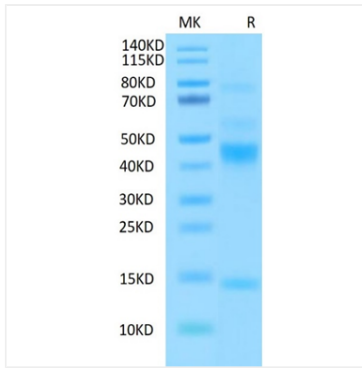
Storage

Store the lyophilized protein at -20°C to -80°C for long term. After reconstitution, the protein solution is stable at -20°C for 3 months, at 2-8°C for up to 1 week. Avoid repeated freeze/thaw cycles.

Contact

 | www.abclonal.com

Validation Data



Recombinant Cyno Latent TGF beta 1 Protein on Tris-Bis PAGE under reduced condition. The purity is greater than 95%.