

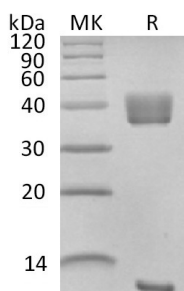
Product Name: Recombinant Cynomolgus Latent TGF-beta 1 (N-6His)
Catalog #: PHV2411

概述 (Summary)

英文全称	Latent TGF-beta 1
纯度 (Purity)	Greater than 95% as determined by reducing SDS-PAGE
内毒素 (Endotoxin level)	<1 EU/μg as determined by LAL test.
蛋白构建 (Construction)	Recombinant Rhesus Macaque Transforming Growth Factor Beta-1 Proprotein is produced by our Mammalian expression system and the target gene encoding Leu30-Ser390 (Cys33Ser) is expressed with a 6His tag at the N-terminus.
Accession #	F7HCV5
蛋白标签 (Tag)	
表达宿主 (Host)	Human cells
种属 (Species)	Cynomolgus
预测分子量 (Predicted MW)	12.8&31.4 KDa
蛋白形态 (Form)	Lyophilized from a 0.2 μm filtered solution of PBS, pH 7.4.
储存缓冲液 (Buffer)	
运输方式 (Shipping)	The product is shipped at ambient temperature. Upon receipt, store it immediately at the temperature listed below.
稳定性&储存 (Stability &Storage)	Store at ≤-70°C, stable for 6 months after receipt. Store at ≤-70°C, stable for 3 months under sterile conditions after opening. Please minimize freeze-thaw cycles.
复溶 (Reconstitution)	Always centrifuge tubes before opening. Do not mix by vortex or pipetting. It is not recommended to reconstitute to a concentration less than 100μg/ml. Dissolve the lyophilized protein in distilled water. Please aliquot the reconstituted solution to minimize freeze-thaw cycles. Always centrifuge tubes before opening. Do not mix by vortex or pipetting. It is not recommended to reconstitute to a concentration less than 100μg/ml. Dissolve the lyophilized protein in distilled water. Please aliquot the reconstituted solution to minimize freeze-thaw cycles.

电泳图 (SDS-PAGE image)

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背景 (Background)

分子别名 (Alternative Names)

Transforming growth factor beta-1 proprotein; TGFB; TGFB1; TGFβ-1

背景介绍 (References)

Transforming growth factor beta (TGFβ) is a multifunctional cytokine that regulates cell growth, differentiation, adhesion, migration and death dependent on cell type, developmental stage, or tissue conditions. There are three isoforms of TGFβ (TGFβ-1, -2 and -3). latent TGF-β1 plays a protective role against bleomycin-induced lung inflammation and fibrosis. The inhibitory effect of latent TGF-β1 on lung inflammation and fibrosis may be associated with the counter-regulatory mechanism between latent and active TGF-β 1, the negative regulatory role of Smad7 in activation of both NF-κB and TGF-β/Smad signaling pathways, and importantly, the GARP-Foxp3 regulatory mechanism in rebalancing the Treg/Th17 response. Some studies have shown that TGFB1 (Cys33Ser) mice develop multiorgan inflammation and tumors consistent with reduced TGF-b1 activity.

注意事项 (Note)

For Research Use Only , Not for Diagnostic Use.