

Product Information

Product SKU:	RPCB0445	Gene ID:	7040	Size:	100µg
Tag:	N-His&Avi	Reactivity:	Human		

Additional Information

Expression Host:	-	Swissprot:	P01137
Purity:	> 95% by SDS-PAGE ; > 93% by HPLC		

Protein Information

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 furin-like convertase processes the proprotein to generate an N-terminal 249 aa latency-associated peptide (LAP) and a C-terminal 112 aa mature TGF-beta 1. Disulfide-linked homodimers of LAP and TGF-beta 1 remain non-covalently associated after secretion, forming the small latent TGF-beta 1 complex.

Protein Description: High quality, high purity and low endotoxin recombinant Biotinylated Recombinant Human Latent TGF-beta 1 Protein, tested reactivity in HEK293 cells and has been validated in SDS-PAGE. 100% guaranteed.

Endotoxin: < 1 EU/µg of the protein by LAL method

Formulation: Lyophilized from 0.22 µm filtered solution in PBS (pH 7.4). Normally 8% trehalose is added as protectant before lyophilization.

Storage: Store at -20°C. Store the lyophilized protein at -20°C to -80 °C up to 1 year from the date of receipt. After reconstitution, the protein solution is stable at -20°C for 3 months, at 2-8°C for up to 1 week.