



Certificate of Analysis

TGF beta 1/TGFB1 Protein, Human (Biotinylated, HEK293, His-Avi)

Cat. No.: HY-P78168
Batch No.: 375026
Species: Human
Source: HEK293
Tag: N-His;N-Avi
Accession: P01137 (L30-R278, C33S)
Gene ID: 7040
Molecular Weight: 40-50 kDa

ANALYTICAL DATA

TEST	Specifications	Results
Purity	Greater than 95% as determined by Tris-Bis PAGE.	≥95.0%
Endotoxin Level	<1 EU/μg, determined by LAL method.	PASS
Biological Activity	Immobilized Human ITGAV&ITGB6, His Tag at 1 μg/mL (100 μL/Well) on the plate. Dose response curve for Biotinylated Human LAP(TGF beta 1), His Tag with the EC ₅₀ of ≤0.42 μg/mL determined by ELISA	88.2 ng/mL
Appearance	Lyophilized powder	
Reconstitution	It is not recommended to reconstitute to a concentration less than 100 μg/mL in ddH ₂ O.	
Storage & Stability	Stored at -20°C for 2 years. After reconstitution, it is stable at 4°C for 1 week or -20°C for longer (with carrier protein). It is recommended to freeze aliquots at -20°C or -80°C for extended storage.	
Shipping	Room temperature in continental US; may vary elsewhere.	

Caution: Product has not been fully validated for medical applications. For research use only.

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