



Certificate of Analysis

TGF beta 1/TGFB1 Protein, Human (112a.a, HEK293)

Cat. No.:	HY-P70543
Batch No.:	317977
Species:	Human
Source:	HEK293
Tag:	Tag Free
Accession:	P01137 (A279-S390)
Gene ID:	7040
Molecular Weight:	14-15 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 Mature TGF beta 1, No Tag at 0.5 μg/mL (100 μl/well) on the plate. Dose response curve for Human TGF-beta RII, mFc Tag with the EC ₅₀ of <8 ng/mL determined by ELISA.	3 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.

Tel: 609-228-6898

Fax: 609-228-5909

E-mail: tech@MedChemExpress.com

Address: 1 Deer Park Dr, Suite Q, Monmouth Junction, NJ 08852, USA