



# Certificate of Analysis

## TGF beta 3/TGFB3 Protein, Human/Mouse/Rat (HEK293)

Cat. No.:	HY-P7120
Batch No.:	319656
Species:	Human;Rat;Mouse
Source:	HEK293
Tag:	Tag Free
Accession:	P10600 (A301-S412,Y340F)
Gene ID:	7043
Molecular Weight:	Approximately 12.7 kDa

### ANALYTICAL DATA

TEST	Specifications	Results
Purity	Greater than 95% as determined by reducing SDS-PAGE.	≥98.0%
Endotoxin Level	<1 EU/μg, determined by LAL method.	PASS
Biological Activity	Measured by its ability to inhibit the IL-4-dependent proliferation of TF-1 mouse T cells. The ED <sub>50</sub> for this effect is 10-80 pg/mL.	14 pg/mL
Appearance	Lyophilized powder	
Reconstitution	It is not recommended to reconstitute to a concentration less than 100 μg/mL in ddH <sub>2</sub> O. For long term storage it is recommended to add a carrier protein (0.1% BSA, 5% HSA, 10% FBS or 5% Trehalose).	
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](mailto:tech@MedChemExpress.com)

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