

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Specification Sheet

Product Name:	Recombinant Human TGF-beta 1 GMP Protein
SKU #:	rp168406-GMP
Version:	1
Source:	Recombinant
Specifications & Purity:	Animal Free, Carrier Free, GMP, Bioactive, High performance, ActiBioPure™, ≥97% (SDS-PAGE&SEC-HPLC)
Concentration:	
Formulation:	Lyophilized
Reconstitution:	Reconstitute at 100 µg/mL in 4 mM HCl.
Storage Conditions:	Store at -20°C, Avoid repeated freezing and thawing

Parameter	Limit Values
Appearance(rp168406-GMP)	White lyophilized powder
Molecular Weight (R)	9.6-14.4(kD)
Molecular Weight (NR)	21.6-26.4(kD)
Purity(SEC-HPLC)	97-100(%)
Activity(ED50)	0.04-0.2(ng/ml)
Host Cell Protein	0-0.5(ng/µg)
Host Cell DNA	0-0.02(ng/µg)
Endotoxin Level <0.1 EU/µg	Conform
Mycoplasma	Negative
Sterility Test	Conform
Adventitious Virus	Conform
Purity(SDS-PAGE)	97-100(%)