

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Specification Sheet

Product Name:	Recombinant Human TGF-beta 1 Protein
SKU #:	rp231117
Version:	1
Source:	Recombinant
Specifications & Purity:	Animal Free, Carrier Free, Bioactive, High performance, ActiBioPure™, His tag, ≥95%(SDS-PAGE), expressed in HEK293;See COA
Concentration:	expressed in HEK293;See COA
Formulation:	Lyophilized
Reconstitution:	We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Reconstitute at 1.0 mg/mL in 4mM HCl. Stock solutions should be apportioned into working aliquots and stored at ≤ -20 °C. Further dilutions should be made in appropriate buffered solutions.
Storage Conditions:	Store at -20°C, Avoid repeated freezing and thawing

Parameter	Limit Values
Appearance(rp231117)	White to off-white powder
Molecular Weight of Band 1	41.9-68.1(kD)
Molecular Weight of Band 2	83.3-138.6(kD)
Purity(SDS-PAGE)	95-100(%)
Endotoxin Level <1 EU/μg	Conform
Activity(ED50)	0-11(ng/ml)