

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Specification Sheet

Product Name:	Recombinant Human TGF-beta 1 Protein
SKU #:	rp156015
Version:	1
Source:	Recombinant
Specifications & Purity:	Animal Free, Carrier Free, Bioactive, ActiBioPure™, ≥95% (SDS-PAGE), See COA
Concentration:	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 sterile distilled water. 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(rp156015)	White to off-white powder
Molecular Weight of Band 1 (R)	13.5-15.7(kD)
Molecular Weight of Band 2 (R)	36.5-44.7(kD)
Molecular Weight of Band 3 (R)	47.8-58.4(kD)
Molecular Weight of Band 1 (N)	94.7-115.7(kD)
Purity(SDS-PAGE)	95-100(%)
Endotoxin Level < 1 EU/μg	Conform
Activity(ED50)	<88(ng/ml)