

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Specification Sheet

Product Name:	Recombinant Human VEGF 165 GMP Protein
SKU #:	rp166634-GMP
Version:	1
Source:	Recombinant
Specifications & Purity:	Animal Free, Carrier Free, Bioactive, High performance, ActiBioPure™, ≥97% (SDS-PAGE&SEC-HPLC)
Concentration:	
Formulation:	Lyophilized
Reconstitution:	Reconstitute at 500 µg/mL in sterile deionized water.
Storage Conditions:	Store at -20°C, Avoid repeated freezing and thawing

Parameter	Limit Values
Appearance(rp166634-GMP)	White lyophilized powder
Molecular Weight (R)	18-22(kD)
Molecular Weight (NR)	36-44(kD)
Purity(SDS-PAGE)	97-100(%)
Purity(SEC-HPLC)	97-100(%)
Endotoxin Level <0.01 EU/µg	Conform
Activity(ED50)	1.50-12.0(ng/ml)
Molecular Weight of Band 1	19272-19292(Da)
Molecular Weight of Band 2	19070-19090(Da)
Host Cell Protein	0-0.1(ng/µg)
Mycoplasma	Negative
Host Cell DNA	<1.5(ng/mg)
Sterility Test	Conform