

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Specification Sheet

Product Name:	Recombinant Human GDF-5 Protein
SKU #:	rp146365
Version:	1
Source:	Recombinant
Specifications & Purity:	Animal Free, >95% (SDS-PAGE&HPLC), Active, E.coli, No tag, 382-501 aa
Concentration:	
Formulation:	Lyophilized
Reconstitution:	We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Reconstitute in 4 mM HCl to a concentration of 0.1-1.5 mg/mL. Stock solutions should be apportioned into working aliquots and stored at $\leq -20^{\circ}\text{C}$. Further dilutions should be made in appropriate buffered solutions.
Storage Conditions:	Store at -20°C , Avoid repeated freezing and thawing

Parameter	Limit Values
Appearance(rp146365)	White lyophilized powder
Purity(SDS-PAGE)	95-100(%)
Endotoxin Level <1 EU/ μg	Conform
Activity(ED50)	0-1($\mu\text{g}/\text{ml}$)
Molecular Weight Band 1	12.2-14.9(kD)
Molecular Weight Band 2	24.4-29.8(kD)