

## CERTIFICATE OF ANALYSIS

PRODUCT: Recombinant Human Fibroblast Growth Factor 9 FOR RESEARCH  
 BATCH NO.: Lot specific MANUFACTURING DATE: Lot specific  
 SIZE: All pack sizes RETEST DATE: Lot specific  
 TEST BASIS: ENTERPRISE STANDARD  
 CATALOG #: 1140-09

Item	Standard	Result
Characteristics	White Freeze-dried Powder	Conformed
pH	7.4±0.5	7.31
SDS-PAGE Electrophoresis Purity	>95%	Conformed
HPLC Purity	>95%	96.22%
Specific Biological Activity	>2.0×10 <sup>5</sup> IU/mg ED <sub>50</sub> (Balb/c 3T3) = <5 ng/ml	2.34×10 <sup>5</sup> IU/mg Conformed
Molecular Weight	23.4±2.3KDa	Conformed
Bacterial Endotoxins	<1.0EU/ug rHuKGF-1	<0.02EU/ug

**The product is tested according to the enterprise standard. The result is QUALIFIED.**

\* Gold Biotechnology, Inc. provides this Certificate of Analysis in good faith and to the best of its knowledge. It should not be substituted for the user's own raw material quality control. This material is for laboratory use only.

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