



Certificate of Analysis

Animal-Free FGF-2 Protein, Pig (His)

Cat. No.: HY-P700237AF
Batch No.: 288180
Species: Pig
Source: *E. coli*
Tag: N-His
Accession: NP_001392443.1
Gene ID: 397643
Molecular Weight: Approximately 18.1 kDa

ANALYTICAL DATA

TEST	Specifications	Results
Purity	Greater than 95% as determined by reducing SDS-PAGE.	≥95.0%
Endotoxin Level	<0.1 EU per 1 µg of the protein by the LAL method.	PASS
Biological Activity	Measure by its ability to induce proliferation in 3T3 cells. The ED ₅₀ for this effect is <2 ng/mL	<2 ng/mL
Appearance	Lyophilized powder	
Reconstitution	It is not recommended to reconstitute to a concentration less than 100 µg/mL in ddH ₂ O.	
Storage & Stability	Stored at -20°C for 2 years. After reconstitution, it is stable at 4°C for 1 week or -20°C for longer. It is recommended to freeze aliquots at -20°C or -80°C for extended storage.	
Shipping	Room temperature in continental US; may vary elsewhere.	

Caution: Product has not been fully validated for medical applications. For research use only.

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