



# Certificate of Analysis

## FGF-2 Protein, Mouse (154a.a)

Cat. No.:	HY-P70439
Batch No.:	315869
Species:	Mouse
Source:	<i>E. coli</i>
Tag:	Tag Free
Accession:	P15655 (M1-S154)
Gene ID:	14173
Molecular Weight:	Approximately 16.0-17.0 kDa

### ANALYTICAL DATA

TEST	Specifications	Results
Purity	Greater than 95% as determined by reducing SDS-PAGE.	98.00%
Endotoxin Level	<1 EU/μg, determined by LAL method.	PASS
Biological Activity	Measured in a cell proliferation assay using BALB/c 3T3 cells. The ED <sub>50</sub> for this effect is 0.3-2.205 ng/mL.	2.205 ng/mL
Appearance	Lyophilized powder	
Reconstitution	It is not recommended to reconstitute to a concentration less than 100 μg/mL in ddH <sub>2</sub> 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 (with carrier protein). 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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