



# Certificate of Analysis

## FGF-19 Protein, Human (Flag)

Cat. No.:	HY-P7172A
Batch No.:	263962
Species:	Human
Source:	<i>E. coli</i>
Tag:	N-Flag
Accession:	O95750 (R25-K216)
Gene ID:	9965
Molecular Weight:	Approximately 23.36 kDa

### ANALYTICAL DATA

TEST	Specifications	Results
Purity	Greater than 95% as determined by reducing SDS-PAGE.	95.88%
Endotoxin Level	<1 EU/μg, determined by LAL method.	PASS
Biological Activity	Measured in a cell proliferation assay using murine Balb/c 3T3 cells. The ED <sub>50</sub> is <150 ng/mL, corresponding to a specific activity is >6.7×10 <sup>3</sup> IU/mg.	PASS
Appearance	Lyophilized powder	
Reconstitution	It is not recommended to reconstitute to a concentration less than 100 μg/mL in PBS. For long term storage it is recommended to add a carrier protein (0.1% BSA, 5% HSA, 10% FBS or 5% Trehalose).	
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.**

Tel: 609-228-6898

Fax: 609-228-5909

E-mail: tech@MedChemExpress.com

Address: 1 Deer Park Dr, Suite Q, Monmouth Junction, NJ 08852, USA