



Certificate of Analysis

FGF-21 Protein, Human (181aa)

Cat. No.:	HY-P701092
Batch No.:	266761
Species:	Human
Source:	<i>E. coli</i>
Tag:	Tag Free
Accession:	Q9NSA1 (H29-S209)
Gene ID:	26291
Molecular Weight:	Approximately 23.27 kDa

ANALYTICAL DATA

TEST	Specifications	Results
Purity	Greater than 95% as determined by reducing SDS-PAGE.	≥95.0%
Endotoxin Level	<1 EU/μg, determined by LAL method.	<1 EU/μg
Biological Activity	Measured in a cell proliferation assay using NIH-3T3 mouse embryonic fibroblast cells. The ED ₅₀ for this effect is 1.071 μg/ml in the presence of 1.25 μg/mL Recombinant Human Klotho beta, corresponding to a specific activity is 933.7068 units/mg.	1.071 μg/mL
Appearance	Lyophilized powder	
Reconstitution	It is not recommended to reconstitute to a concentration less than 100 μg/mL in ddH ₂ O. 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. 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.

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