



# Certificate of Analysis

## Animal-Free FGF-20 Protein, Human (His)

Cat. No.:	HY-P700062AF
Batch No.:	268479
Species:	Human
Source:	<i>E. coli</i>
Tag:	C-His
Accession:	Q9NP95 (P3-T211)
Gene ID:	26281
Molecular Weight:	Approximately 24.24 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.	<1 EU/µg
Biological Activity	The ED <sub>50</sub> is 1.3-3.2 ng/mL as measure by its ability to induce 3T3 cells proliferation, corresponding to a specific activity of recombinant human FGF-20 is > 2 x 10 <sup>5</sup> IU/mg.	1.3-3.2 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. 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