



## Certificate of Analysis

## KGF/FGF-7 Protein, Human (163a.a)

Cat. No.:	HY-P70597
Batch No.:	433183
Species:	Human
Source:	<i>E. coli</i>
Tag:	Tag Free
Accession:	P21781-1 (C32-T194)
Gene ID:	2252
Molecular Weight:	Approximately 18-20 kDa

## ANALYTICAL DATA

TEST	Specifications	Results
Purity	Greater than 95% as determined by reducing SDS-PAGE.	97.00%
Endotoxin Level	<1 EU/μg, determined by LAL method.	PASS
Biological Activity	Measured in a cell proliferation assay using 4MBr-5 rhesus monkey epithelial cells. The ED <sub>50</sub> for this effect is ≤110.3 ng/mL, corresponding to a specific activity is ≥9.07×10 <sup>3</sup> U/mg.	9.93 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. 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.**

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