



# Certificate of Analysis

## KGF/FGF-7 Protein, Mouse (Tag free)

Cat. No.:	HY-P7176
Batch No.:	383874
Species:	Mouse
Source:	<i>E. coli</i>
Tag:	Tag Free
Accession:	P36363 (C32-T194)
Gene ID:	14178
Molecular Weight:	Approximately 18.7 kDa

### ANALYTICAL DATA

TEST	Specifications	Results
Purity	Greater than 95% as determined by reducing SDS-PAGE.	≥98.0%
Endotoxin Level	<0.2 EU/μg, determined by LAL method.	PASS
Biological Activity	The ED <sub>50</sub> is ≤10 ng/mL as measured by 4MBr-5 cells, corresponding to a specific activity of ≥1 × 10 <sup>5</sup> units/mg.	8.477 ng/mL
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