



Certificate of Analysis

FGF-12 Protein, Human (177 a.a)

Cat. No.:	HY-P7343
Batch No.:	256332
Species:	Human
Source:	<i>E. coli</i>
Tag:	Tag Free
Accession:	P61328 (E67-T243)
Gene ID:	2257
Molecular Weight:	Approximately 20.4 kDa

ANALYTICAL DATA

TEST	Specifications	Results
Purity	Greater than 95% as determined by reducing SDS-PAGE.	96.95%
Endotoxin Level	<1 EU/μg, determined by LAL method.	PASS
Biological Activity	Measured in a cell proliferation assay using NIH-3T3 mouse fibroblast cells. The ED ₅₀ this effect is 9.139 ng/mL, corresponding to a specific activity is 1.094×10 ⁵ U/mg.	PASS
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 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.

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