



Certificate of Analysis

FGF-21 Protein, Hamster (HEK293, His)

Cat. No.:	HY-P75762
Batch No.:	276657
Species:	Others
Source:	HEK293
Tag:	C-His
Accession:	XP_005084765 (M1-S209)
Gene ID:	101842115
Molecular Weight:	Approximately 21.16 kDa

ANALYTICAL DATA

TEST	Specifications	Results
Purity	Greater than 95% as determined by reducing SDS-PAGE.	95.00%
Endotoxin Level	<1 EU/μg, determined by LAL method.	PASS
Biological Activity	Hamster FGF21, His Tag immobilized on CM5 Chip can bind Human Beta Klotho, His Tag with an affinity constant of 264.50 nM as determined in SPR assay (Biacore T200).	264.50 nM as determined in SPR assay (Biacore T200)
Appearance	Lyophilized powder	
Reconstitution	It is not recommended to reconstitute to a concentration less than 100 μg/mL in ddH ₂ O.	
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.

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