



Certificate of Analysis

GDF-15 Protein, Rat (His)

Cat. No.:	HY-P700727
Batch No.:	276151
Species:	Rat
Source:	<i>E. coli</i>
Tag:	N-His
Accession:	Q9Z0J6 (S189-A303)
Gene ID:	29455
Molecular Weight:	15-17 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	Immobilized Rat GDF15, His Tag at 5 μg/mL (100 μl/Well) on the plate. Dose response curve for Biotinylated Mouse GFRAL, His Tag with the EC ₅₀ of <6.2 μg/mL determined by ELISA.	0.95 μg/mL
Appearance	Lyophilized powder.	
Reconstitution	It is not recommended to reconstitute to a concentration less than 100 μg/mL in 50mM HAc, pH 2.9.	
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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