



Certificate of Analysis

GMP Glypican-3/GPC3 Protein, Human (HEK293, His)

Cat. No.:	HY-P70487G
Batch No.:	267211
Species:	Human
Source:	HEK293
Tag:	C-6*His
Accession:	P51654 (Q25-H559)
Gene ID:	2719
Molecular Weight:	70-150&38 kDa

ANALYTICAL DATA

TEST	Specifications	Results
Purity	Greater than 95% as determined by reducing SDS-PAGE.	99.90%
Endotoxin Level	<0.1 EU/μg, determined by LAL method.	<10 EU/mg
Biological Activity	Immobilized Human FGFb (146AA) at 2 μg/mL (100 μl/well) can bind GMP Glypican-3/GPC3, Human (HEK293, His). The EC50 of GMP Glypican-3/GPC3, Human (HEK293, His) is not higher than 50 ng/mL.	13 ng/mL
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. 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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