



Certificate of Analysis

MUC-17 Protein, Human (HEK293, His)

Cat. No.:	HY-P78744
Batch No.:	280450
Species:	Human
Source:	HEK293
Tag:	C-His
Accession:	Q685J3-1 (R4131-L4390)
Gene ID:	140453
Molecular Weight:	Approximately 20-35 kDa

ANALYTICAL DATA

TEST	Specifications	Results
Purity	Greater than 95% as determined by reducing SDS-PAGE.	≥98.0%
Endotoxin Level	<1 EU/μg, determined by LAL method.	PASS
Biological Activity	Immobilized Human MUC-17 at 2 μg/mL (100 μL/well) can bind Anti- MUC-17 Antibody, The ED ₅₀ for this effect is ≤11.32 ng/mL.	0.08717-0.1532 ng/mL
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 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.

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