



Certificate of Analysis

Mesothelin Protein, Rat (HEK293, His)

Cat. No.:	HY-P78620
Batch No.:	286088
Species:	Rat
Source:	HEK293
Tag:	C-10*His
Accession:	XP_032768340 (D298-S600)
Gene ID:	116908979
Molecular Weight:	43-50 kDa

ANALYTICAL DATA

TEST	Specifications	Results
Purity	Greater than 95% as determined by reducing SDS-PAGE.	≥95.0%
Endotoxin Level	<1 EU/μg, determined by LAL method.	PASS
Biological Activity	Measured by its binding ability in a functional ELISA. Immobilized Rat Mesothelin at 2 μg/mL can bind Human MUC16, the EC ₅₀ is 7.561-12.47 ng/mL.	7.561-12.47 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. 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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