



Certificate of Analysis

Cathepsin B Protein, Rat (HEK293, His)

Cat. No.:	HY-P74345
Batch No.:	282616
Species:	Rat
Source:	HEK293
Tag:	C-His
Accession:	Q6IN22 (M1-F339)
Gene ID:	64529
Molecular Weight:	Approximately 37.1 kDa

ANALYTICAL DATA

TEST	Specifications	Results
Purity	Greater than 95% as determined by reducing SDS-PAGE.	98.00%
Endotoxin Level	<1 EU/μg, determined by LAL method.	PASS
Biological Activity	Measured by its ability to cleave the fluorogenic peptide substrate Z-LR-AMC . The specific activity is >2,500 pmol/min/μg.	PASS
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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