



Certificate of Analysis

HSP60 Protein, Mouse (N-His)

Cat. No.:	HY-P73916A
Batch No.:	321306
Species:	Mouse
Source:	<i>E. coli</i>
Tag:	N-10*His
Accession:	P63038 (L2-F573)
Gene ID:	15510
Molecular Weight:	Approximately 65 kDa

ANALYTICAL DATA

TEST	Specifications	Results
Purity	Greater than 90% as determined by reducing SDS-PAGE.	94.40%
Endotoxin Level	<1 EU/μg, determined by LAL method.	PASS
Biological Activity	HSP60 has ATPase activity at the time of manufacture of 49.361 μM phosphate liberated/h/μg protein in a 200μL reaction at 37°C in the presence of 10 μL of 4 mM ATP using a Malachite Green assay.	PASS
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 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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