



Certificate of Analysis

HMGB1/HMG-1 Protein, Human (HEK293, Fc)

Cat. No.: HY-P73102
 Batch No.: 565027
 Species: Human
 Source: HEK293
 Tag: N-hFc
 Accession: P09429/NP_002119.1 (M1-E215)
 Gene ID: 3146
 Molecular Weight: Approximately 59.78 kDa

ANALYTICAL DATA

TEST	Specifications	Results
Purity	Greater than 90% as determined by reducing SDS-PAGE	≥95.0%
Endotoxin Level	<1 EU/μg, determined by LAL method.	PASS
Biological Activity	Measured by its ability to induce TNF-alpha secretion by RAW 264.7 mouse monocyte/macrophage cells. The ED ₅₀ for this effect is 2.196-3.920 μg/mL.	2.196 μg/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 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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