



Certificate of Analysis

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

Cat. No.: HY-P73104A
 Batch No.: 267478
 Species: Mouse
 Source: HEK293
 Tag: N-hFc
 Accession: P63158 (M1-E215)
 Gene ID: 15289
 Molecular Weight: Approximately 57-59.24 kDa

ANALYTICAL DATA

TEST	Specifications	Results
Purity	Greater than 85% as determined by reducing SDS-PAGE	≥98.0%
Endotoxin Level	<1 EU/μg, determined by LAL method.	<1 EU/μg
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 41.87 ng/mL, corresponding to a specific activity is 2.39×10 ⁴ U/mg.	41.87 ng/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.

Tel: 609-228-6898

Fax: 609-228-5909

E-mail: tech@MedChemExpress.com

Address: 1 Deer Park Dr, Suite Q, Monmouth Junction, NJ 08852, USA