



Certificate of Analysis

AGER Protein, Human (HEK293, hFc)

Cat. No.: HY-P74604
Batch No.: 269303
Species: Human
Source: HEK293
Tag: C-hFc
Accession: NP_001127.1 (Q24-A344)
Gene ID: 177
Molecular Weight: approximately 76.18 kDa

ANALYTICAL DATA

TEST	Specifications	Results
Purity	Greater than 90% as determined by reducing SDS-PAGE.	91.73%
Endotoxin Level	<1 EU/μg, determined by LAL method.	PASS
Biological Activity	Immobilized Human AGER at 20 μg/mL (100 μL/well) can bind Biotinylated Human HMGB1. The ED ₅₀ for this effect is 30.85ng/mL, corresponding to a specific activity is 3.24×10 ⁴ Unit/mg.	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 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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