



Certificate of Analysis

AGER Protein, Mouse (HEK293, His)

Cat. No.:	HY-P74425
Batch No.:	274327
Species:	Mouse
Source:	HEK293
Tag:	C-His
Accession:	NP_031451.2 (Q24-A342)
Gene ID:	11596
Molecular Weight:	Approximately 50 kDa

ANALYTICAL DATA

TEST	Specifications	Results
Purity	Greater than 95% as determined by reducing SDS-PAGE.	≥98.0%
Endotoxin Level	<1 EU/μg, determined by LAL method.	PASS
Biological Activity	Immobilized Recombinant Mouse AGER Protein at 20 μg/mL (100 μL/well) can bind Biotinylated Recombinant Human HMGB1 Protein. The ED ₅₀ for this effect is 0.6233-1.298 μg/mL.	0.6233 μg/mL
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 (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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