



Certificate of Analysis

Adenylate Kinase 1/AK1 Protein, Human (His)

Cat. No.:	HY-P74428
Batch No.:	385094
Species:	Human
Source:	<i>E. coli</i>
Tag:	N-6*His
Accession:	AAH01116 (M1-K194)
Gene ID:	203
Molecular Weight:	Approximately 23 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	Specific activity is 120.42 pmol/min/μg. One unit will convert 1 pmoles of AMP and ATP to 2 pmoles of ADP per minute at 37°C.	120.42 pmol/min/μg
Appearance	Solution	
Concentration	5.7161 mg/mL	
Reconstitution	N/A.	
Storage & Stability	Stored at -80°C for 1 year. It is stable at -20°C for 3 months after opening. It is recommended to freeze aliquots at -80°C for extended storage. Avoid repeated freeze-thaw cycles.	
Shipping	Shipping with dry ice	

Caution: Product has not been fully validated for medical applications. For research use only.

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