



Certificate of Analysis

p38 alpha/MAPK14 Protein, Human (Activated, sf9, His)

Cat. No.:	HY-P73335
Batch No.:	255492
Species:	Human
Source:	<i>Sf9 insect cells</i>
Tag:	N-His
Accession:	Q16539-2/NP_001306.1 (M1-S360)
Gene ID:	1432
Molecular Weight:	Approximately 43.7 kDa

ANALYTICAL DATA

TEST	Specifications	Results
Purity	Greater than 85% as determined by reducing SDS-PAGE	≥85.0%
Endotoxin Level	<1 EU/μg, determined by LAL method.	PASS
Biological Activity	The specific activity was determined to be > 50 nmol/min/mg using MBP as substrate.	54 nmol/min/mg
Appearance	Solution.	
Concentration	0.4 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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