



# Certificate of Analysis

## IRAK4 Protein, Human (sf9, His)

Cat. No.:	HY-P73255
Batch No.:	247508
Species:	Human
Source:	<i>Sf9 insect cells</i>
Tag:	N-10*His
Accession:	Q9NWZ3-1 (M1-S460)
Gene ID:	51135
Molecular Weight:	Approximately 48 kDa

### ANALYTICAL DATA

TEST	Specifications	Results
Purity	Greater than 90% as determined by reducing SDS-PAGE	96.50%
Endotoxin Level	<1 EU/μg, determined by LAL method.	PASS
Biological Activity	The specific activity was determined to be >169 nmol/min/mg using MBP as substrate.	220 nmol/min/mg
Appearance	Solution.	
Concentration	1.53 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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