



Certificate of Analysis

USP7 Protein, Human (His)

Cat. No.:	HY-P702603
Batch No.:	368845
Species:	Human
Source:	<i>E. coli</i>
Tag:	N-His
Accession:	Q93009 (K208-E560)
Gene ID:	7874
Molecular Weight:	42.9 kDa

ANALYTICAL DATA

TEST	Specifications	Results
Purity	Greater than 90% as determined by reducing SDS-PAGE.	97.00%
Endotoxin Level	<1 EU/μg, determined by LAL method.	PASS
Biological Activity	The fundamental role of USP7 is specific removal of ubiquitin from substrates. USP7 catalyses the ubiquitin from the substrate Ub-Rho110 to release fluorophores. Rho110 will release 535 nM emission light under the excitation condition of 485 nM. The signal of which can be quickly and reliably captured using a microplate reader.	PASS
Appearance	Solution	
Concentration	1.86 mg/mL	
Reconstitution	It is not recommended to reconstitute to a concentration less than 100 μg/mL in ddH ₂ O.	
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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