



Certificate of Analysis

USP10 Protein, Human (Sf9, His, GST)

Cat. No.:	HY-P702584
Batch No.:	345825
Species:	Human
Source:	<i>Sf9 insect cells</i>
Tag:	His;GST
Accession:	Q14694 (A2-L798)
Gene ID:	9100
Molecular Weight:	Approximately 114.7 kDa

ANALYTICAL DATA

TEST	Specifications	Results
Purity	Greater than 85% as determined by reducing SDS-PAGE.	87.01%
Endotoxin Level	<1 EU/μg, determined by LAL method.	PASS
Biological Activity	The fundamental role of USP10 is specific removal of ubiquitin from substrates. USP10 catalyses the ubiquitin from the substrate Ub-Rho110 to release fluorophores. Rho110 will release 535nm emission light under the excitation condition of 485nm.	PASS
Appearance	Solution	
Concentration	1.81 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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