



Certificate of Analysis

USP14 Protein, Human (His)

Cat. No.:	HY-P71418
Batch No.:	270487
Species:	Human
Source:	<i>E. coli</i>
Tag:	N-6*His
Accession:	P54578 (D91-Q494)
Gene ID:	9097
Molecular Weight:	47-52 kDa

ANALYTICAL DATA

TEST	Specifications	Results
Purity	Greater than 90% as determined by reducing SDS-PAGE.	94.00%
Endotoxin Level	<1 EU/μg, determined by LAL method.	PASS
Biological Activity	Measured in a cell proliferation assay using A549 cells. The ED ₅₀ for this effect is 13.76 ng/mL, corresponding to a specific activity is 7.27×10 ⁴ units/mg.	13.76 ng/mL
Appearance	Solution	
Concentration	0.5 mg/mL	
Reconstitution	N/A	
Storage & Stability	Stored at -80°C. 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.

Tel: 609-228-6898

Fax: 609-228-5909

E-mail: tech@MedChemExpress.com

Address: 1 Deer Park Dr, Suite Q, Monmouth Junction, NJ 08852, USA