



# Certificate of Analysis

## PLAU/uPA Protein, Human (411 a.a, HEK293, His)

Cat. No.: HY-P71050  
 Batch No.: 260797  
 Species: Human  
 Source: HEK293  
 Tag: C-6\*His  
 Accession: P00749-1 (S21-L431)  
 Gene ID: 5328  
 Molecular Weight: 45-55 kDa

### ANALYTICAL DATA

TEST	Specifications	Results
Purity	Greater than 95% as determined by reducing SDS-PAGE.	≥98.0%
Endotoxin Level	<1 EU/μg, determined by LAL method.	PASS
Biological Activity	Measured by its ability to cleave a peptide substrate, N-carbobenzyloxy-Gly-Gly-Arg-7-amido-4-methylcoumarin (Z-GGR-AMC). Read at excitation and emission wavelengths of 380 nm and 460 nm (top read). The specific activity is 1120.66 pmol/min/μg, as measured under the described conditions.	PASS
Appearance	Solution.	
Concentration	0.5417 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.**

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