



# Certificate of Analysis

## Kallikrein-5 Protein, Human (HEK293, His)

Cat. No.:	HY-P70939
Batch No.:	417596
Species:	Human
Source:	HEK293
Tag:	C-6*His
Accession:	Q9Y337 (V23-S293)
Gene ID:	25818
Molecular Weight:	Approximately 36-40.0 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 the fluorogenic peptide substrate Boc-VPR-AMC. The specific activity is ≥220 pmol/min/μg, as measured under the described conditions.	220.1 pmol/min/μg
Appearance	Solution	
Concentration	1.32 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