



## Certificate of Analysis

## Kallikrein-11 Protein, Mouse (HEK293, His)

Cat. No.:	HY-P73847
Batch No.:	355276
Species:	Mouse
Source:	HEK293
Tag:	C-6*His
Accession:	Q9QYN3-1 (E45-N276)
Gene ID:	56538
Molecular Weight:	Approximately 35-43 kDa due to the glycosylation

## ANALYTICAL DATA

TEST	Specifications	Results
Purity	Greater than 95% as determined by reducing SDS-PAGE.	98.00%
Endotoxin Level	<1 EU/μg, determined by LAL method.	PASS
Biological Activity	Measured by its ability to cleave a colorimetric peptide substrate, N-carbobenzyloxy-Lys-ThioBenzyl ester (Z-Lys-SBzl), in the presence of 5,5'Dithio-bis (2-nitrobenzoic acid) (DTNB). The specific activity is 335.177 pmol/min/μg, as measured under the described conditions.	335.177 pmol/min/μg
Appearance	Lyophilized powder	
Reconstitution	It is not recommended to reconstitute to a concentration less than 100 μg/mL in ddH <sub>2</sub> O.	
Storage & Stability	Stored at -20°C for 2 years. After reconstitution, it is stable at 4°C for 1 week or -20°C for longer (with carrier protein). It is recommended to freeze aliquots at -20°C or -80°C for extended storage.	
Shipping	Room temperature in continental US; may vary elsewhere.	

**Caution: Product has not been fully validated for medical applications. For research use only.**

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