



Certificate of Analysis

Plasma kallikrein/KLKB1 Protein, Cynomolgus (HEK293, His)

Cat. No.:	HY-P700772
Batch No.:	282551
Species:	Cynomolgus
Source:	HEK293
Tag:	C-His
Accession:	A0A2K5VTJ9 (G20-A638)
Gene ID:	102142369
Molecular Weight:	70-90 kDa

ANALYTICAL DATA

TEST	Specifications	Results
Purity	Greater than 95% as determined by Tris-Bis PAGE.	≥95.0%
Endotoxin Level	<1 EU/μg, determined by LAL method.	PASS
Biological Activity	Measured by its ability to cleave a flourogenic peptide substrate Pro-Phe-Arg-7-amido-4-methylcoumarin (PFR-AMC). The specific activity is 1133 pmol/min/μg.	PASS
Appearance	Lyophilized powder	
Reconstitution	It is not recommended to reconstitute to a concentration less than 100 μg/mL in ddH ₂ 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. 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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