



# Certificate of Analysis

## Plasma kallikrein/KLKB1 Protein, Human (HEK293, His)

Cat. No.:	HY-P70249A
Batch No.:	312484
Species:	Human
Source:	HEK293
Tag:	C-His
Accession:	P03952 (G20-A638)
Gene ID:	3818
Molecular Weight:	72-80 kDa

### ANALYTICAL DATA

TEST	Specifications	Results
Purity	Greater than 95% as determined by reducing SDS-PAGE.	≥95.0%
Endotoxin Level	<1 EU/μg, determined by LAL method.	PASS
Biological Activity	Immobilized Human KLKB1, His Tag at 2 μg/mL (100 μl/well) on the plate. Dose response curve for Anti-KLKB1 Antibody, hFc Tag with the EC <sub>50</sub> of ≤33.8 ng/mL determined by ELISA.	20.1 ng/mL
Appearance	Lyophilized powder.	
Reconstitution	It is not recommended to reconstitute to a concentration less than 100 μg/mL in 20 mM NaAc, 150 mM NaCl, pH 5.0.	
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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