



Certificate of Analysis

MMP-8 Protein, Human (HEK293)

Cat. No.:	HY-P73298
Batch No.:	242524
Species:	Human
Source:	HEK293
Tag:	N-Met
Accession:	P22894 (F21-G467)
Gene ID:	4317
Molecular Weight:	Approximately 65 kDa

ANALYTICAL DATA

TEST	Specifications	Results
Purity	Greater than 90% as determined by reducing SDS-PAGE	90.30%
Endotoxin Level	<1 EU/μg, determined by LAL method.	PASS
Biological Activity	Measured by its ability to cleave the fluorogenic peptide substrate, Mca-PLGL-Dpa-AR-NH ₂ and the specific activity is > 250 pmoles/min/μg.	345 pmoles/min/μg
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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