



Certificate of Analysis

MMP-9 Protein, Rat (HEK293, His)

Cat. No.:	HY-P73301
Batch No.:	270464
Species:	Rat
Source:	HEK293
Tag:	C-10*His
Accession:	EDL96479.1 (A20-P708)
Gene ID:	81687
Molecular Weight:	approximately 95 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 a fluorogenic peptide substrate Mca-PLGL-Dpa-AR-NH ₂ and the specific activity is >1000 pmoles/min/μg. (Activation description: The proenzyme needs to be activated by APMA for an activated form)	21509.63 pmol/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.

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