



# Certificate of Analysis

## MMP-16 Protein, Human (I152N, His)

Cat. No.:	HY-P79097
Batch No.:	290142
Species:	Human
Source:	<i>E. coli</i>
Tag:	C-10*His
Accession:	P51512 (A32-G291, I152N)
Gene ID:	4325
Molecular Weight:	Approximately 29 kDa

### ANALYTICAL DATA

TEST	Specifications	Results
Purity	Greater than 95% as determined by reducing SDS-PAGE	97.00%
Endotoxin Level	<1 EU/μg, determined by LAL method.	PASS
Biological Activity	Measured by its ability to cleave a fluorogenic peptide substrate Mca-KPLGL-Dpa-AR-NH <sub>2</sub> . The specific activity is >250 pmol/min/μg.	295.79 pmol/min/μg
Appearance	Solution	
Concentration	0.2 mg/mL	
Reconstitution	N/A.	
Storage & Stability	Stored at -80°C for 1 year. It is stable at -20°C for 3 months after opening. It is recommended to freeze aliquots at -80°C for extended storage. Avoid repeated freeze-thaw cycles.	
Shipping	Shipping with dry ice	

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

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