



Certificate of Analysis

TIMP-2 Protein, Human (HEK293)

Cat. No.:	HY-P73442
Batch No.:	252786
Species:	Human
Source:	HEK293
Tag:	Tag Free
Accession:	P16035 (C27-P220)
Gene ID:	7077
Molecular Weight:	Approximately 20 kDa

ANALYTICAL DATA

TEST	Specifications	Results
Purity	Greater than 95% as determined by reducing SDS-PAGE	96.90%
Endotoxin Level	<1 EU/μg, determined by LAL method.	PASS
Biological Activity	Measured by its ability to inhibit human MMP-2 cleavage of a fluorogenic peptide substrate MCA-PLGL-DPA-AR-NH ₂ and the IC ₅₀ value is < 4 nM.	3.4 nM
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. 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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