



# Certificate of Analysis

## ECM1 Protein, Mouse (HEK293, His)

Cat. No.:	HY-P75265
Batch No.:	327950
Species:	Mouse
Source:	HEK293
Tag:	C-His
Accession:	Q61508 (A20-E559)
Gene ID:	13601
Molecular Weight:	90-95 kDa

### ANALYTICAL DATA

TEST	Specifications	Results
Purity	Greater than 90% as determined by reducing SDS-PAGE.	95.50%
Endotoxin Level	<1 EU/μg, determined by LAL method.	PASS
Biological Activity	Measured by the ability of the immobilized protein to support the adhesion of HFF Human skin fibroblast cells. When $5 \times 10^4$ cells/well are added to mECM1-His coated plates (2.5 μg/mL and 100 μL/well), approximately > 30% will adhere specifically after 90 minutes at 37°C.	37%
Appearance	Lyophilized powder	
Reconstitution	It is not recommended to reconstitute to a concentration less than 100 μg/mL in ddH <sub>2</sub> 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 (with carrier protein). 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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