



Certificate of Analysis

MFG-E8 Protein, Human (sf9, His)

Cat. No.:	HY-P73815
Batch No.:	251667
Species:	Human
Source:	<i>Sf9 insect cells</i>
Tag:	C-His
Accession:	Q08431 (L24-C387)
Gene ID:	4240
Molecular Weight:	Approximately 45 kDa

ANALYTICAL DATA

TEST	Specifications	Results
Purity	Greater than 80% as determined by reducing SDS-PAGE.	96.70%
Endotoxin Level	<1 EU/μg, determined by LAL method.	PASS
Biological Activity	When 5 x 10E4 cells/well are added to Recombinant Human MFG-E8 coated plates (12.5 μg/mL, 100 μL/well), 45-93% cells will adhere after 1 hour at 37°C	93%
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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