



Certificate of Analysis

GPNMB/Osteoactivin Protein, Mouse (HEK293, His)

Cat. No.:	HY-P77116
Batch No.:	292780
Species:	Mouse
Source:	HEK293
Tag:	C-His
Accession:	Q99P91 (K23-N502)
Gene ID:	93695
Molecular Weight:	Approximately 96 kDa

ANALYTICAL DATA

TEST	Specifications	Results
Purity	Greater than 90% as determined by reducing SDS-PAGE	≥90.0%
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 SVEC4-10 mouse vascular endothelial cells. When 5×10^4 cells/well are added to GPNMB-coated plates (0.25 μg/mL and 100 μL/well), approximately >22.59% will adhere after 30 minutes at 37°C.	PASS
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