



Certificate of Analysis

Periostin/OSF-2 Protein, Rat (HEK293, His)

Cat. No.:	HY-P79348
Batch No.:	275840
Species:	Rat
Source:	HEK293
Tag:	C-6*His
Accession:	D3ZAF5 (N24-S800)
Gene ID:	361945
Molecular Weight:	approximately 95 kDa

ANALYTICAL DATA

TEST	Specifications	Results
Purity	Greater than 95% as determined by reducing SDS-PAGE	95.00%
Endotoxin Level	<1 EU/μg, determined by LAL method.	<1 EU/μg
Biological Activity	Measured by its ability to induce adhesion of ATDC5 mouse chondrogenic cells. The ED ₅₀ for this effect is 44.48 ng/mL, corresponding to a specific activity is 2.248×10 ⁴ units/mg.	44.48 ng/mL
Appearance	Lyophilized powder	
Reconstitution	It is not recommended to reconstitute to a concentration less than 500 μg/mL in ddH ₂ O. For long term storage it is recommended to add a carrier protein (0.1% BSA, 5% HSA, 10% FBS or 5% Trehalose).	
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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