



Certificate of Analysis

Tenascin/Tnc protein, Human (HEK293, His)

Cat. No.:	HY-P700833
Batch No.:	500175
Species:	Human
Source:	HEK293
Tag:	C-His
Accession:	P24821-1 (G23-S621)
Gene ID:	3371
Molecular Weight:	Approximately 53-80 kDa due to the glycosylation.

ANALYTICAL DATA

TEST	Specifications	Results
Purity	Greater than 95% as determined by reducing SDS-PAGE.	≥98.0%
Endotoxin Level	<1 EU/μg, determined by LAL method.	PASS
Biological Activity	Measured by the ability of the immobilized protein to block Fibronectin-mediated adhesion of NIH-3T3 mouse embryonic fibroblast cells. Tenascin immobilized at 15 μg/mL, in the presence of 0.1 μg/mL human Fibronectin, will block approximately 72.51% NIH-3T3 cell adhesion (5×10 ⁴ cells/well, 100 μL/well).	72.51%
Appearance	Lyophilized powder	
Reconstitution	It is not recommended to reconstitute to a concentration less than 100 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 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.

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