



# Certificate of Analysis

## Tenascin/Tnc protein, Mouse (His-Myc)

**Cat. No.:** HY-P700002  
**Batch No.:** 274328  
**Species:** Mouse  
**Source:** HEK293  
**Tag:** N-10\*His;C-Myc  
**Accession:** Q80YX1 (G1884-N2099)  
**Gene ID:** 21923  
**Molecular Weight:** 27-31 kDa

### ANALYTICAL DATA

TEST	Specifications	Results
Purity	Greater than 85% as determined by reducing SDS-PAGE	≥95.0%
Endotoxin Level	<1 EU/μg, determined by LAL method.	<1 EU/μg
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 0.8 μg/mL, in the presence of 0.1 μg/mL human Fibronectin, will block approximately 55.14% NIH-3T3 cell adhesion (5×10 <sup>4</sup> cells/well, 100 μL/well).	Pass
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. 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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