

Product Data Sheet

Product Name: TNC Protein, Human (His)
Cat. No.: GC27166
Batch No.: 1

Product Data

Purity >98% Source
Physical Appearance solid Shipping Condition

Synonyms TNC [?], Human (His); Cytotactin; Glioma associated extracellular matrix antigen; GMEM; TenascinC

Amino Acid Sequence DSPRDLTATEVQSETALLTWRPPRASVTGYLLVYESVDGTVKEVIVGPDTTSSYSLADLSPSTHYTAKIQALNGPLRSNMIQTIFTTIGLLYFPKDCSQAMLI

Formulation Lyophilized from a 0.22 μm filtered solution of PBS, 6% Trehalose, pH 7.4 or 10 mM Tris-HCl, 1 mM EDTA, 6% Trehalose, pH 8.0 or 5I

Introduction

TNC proteins guide neuronal and axonal migration and contribute to development, synaptic plasticity, and neuronal regeneration. TNC Protein, Human (His) is the recombinant human-derived TNC protein, expressed by E. coli , with N-6*His labeled tag.

Biological Activity

Measured by the ability of the immobilized protein to block Fibronectin-mediated adhesion of NIH-3T3 mouse embryonic fibroblast cells. rhTenascin-C immobilized at 15 μg/mL, in the presence of 0.1 μg/mL human Fibronectin, will block approximately 54.61% NIH3/T3 cell adhesion (5x10⁴ cells/well, 100 μL/well)

Stability

Stored at -20°C for 2 years from date of receipt. 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.

Background

TNC [?] α-8/β-1 [?] α-9/β-1 [?] α-V/β-3 [?] α-V/β-6 [?] TNC [?] TNC [?] TNC [?] CSPG4 [?]

Caution: Product has not been fully validated for medical applications. For research use only.
Tel: (909) 407-4943 Fax: (626) 353-8530 E-mail: tech@glpbio.com
Address: 10292 Central Ave. #205, Montclair, CA, USA