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Datasheet for ABIN620802

TNC Protein

Overview

Quantity:	0.1 mg
Target:	TNC
Origin:	Human
Source:	Human
Protein Type:	Native

Product Details

Specificity:	Plays an active role in the development of the CNS and mesenchymal derived organs. Present in adult tumour vasculature and has functions in cell adhesion.
Characteristics:	Native Human Tenascin C
Purity:	SDS PAGE: > 97 %
Sterility:	Sterile

Target Details

Target:	TNC
Alternative Name:	Tenascin C (TNC Products)

Background: The Tenascin family of extracellular matrix proteins includes Tenascin (also known as cytotactin or Tenascin-C), Tenascin-R (also designated Restrictin or Janusin) and Tenascin-X. Tenascin proteins function as substrate-adhesion molecules (SAMs) and are involved in regulating numerous developmental processes, such as morphogenetic cell migration and organogenesis. The Tenascin family proteins arise from various splicing events in the region of

Target Details

coding for FNIII repeats. Tenascin and Tenascin-X are expressed in several tissues during embryogenesis, and in adult tissues undergoing active remodeling, such as healing wounds and tumors. Tenascin-R (TN-R) is expressed on the surface of neurons and glial cells.

Molecular Weight: 250 kD by SDS analysis, the protein migrates at around 280-300 kDa.

Pathways: [Regulation of Muscle Cell Differentiation](#), [Regulation of Cell Size](#), [Skeletal Muscle Fiber Development](#)

Application Details

Reagent Preparation: Precipitated, concentrated and dialysed. The product's final concentration is 0.1mg/ml.

Restrictions: For Research Use only

Handling

Format: Liquid

Buffer: Sterile liquid

Storage: -20 °C