

## Recombinant Human TNC

Cat. No. TNC-31215TH Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant fragment corresponding to amino acids 181-290 of Human Tenascin C with an N terminal proprietary tag; Predicted MWt 37.73 kDa.
<b>Species</b>	Human
<b>Source</b>	Wheat Germ
<b>ProteinLength</b>	110 amino acids
<b>Description</b>	This gene encodes an extracellular matrix protein with a spatially and temporally restricted tissue distribution. This protein is homohexameric with disulfide-linked subunits, and contains multiple EGF-like and fibronectin type-III domains. It is implicated in guidance of migrating neurons as well as axons during development, synaptic plasticity, and neuronal regeneration.
<b>Molecular Weight</b>	37.730kDa inclusive of tags
<b>Form</b>	Liquid
<b>Purity</b>	Proprietary Purification
<b>Storage buffer</b>	pH: 8.00 Constituents: 0.3% Glutathione, 0.79% Tris HCl
<b>Storage</b>	Shipped on dry ice. Upon delivery aliquot and store at -80oC. Avoid freeze / thaw cycles.

 Tel: 1-631-559-9269 1-516-512-3133

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

**Sequences of amino acids** KGPNCSEPECPGNCHLRGRCIDGGQCICDDGFTGEDCSQLA CPSDCNDQGKCVNG VCICFEGYAGADCSREICPVPCSEEH GTCVDGLCVCHDGFAGDDCNKPLCLNNCY N

**Sequence Similarities** Belongs to the tenascin family.Contains 15 EGF-like domains.Contains 1 fibrinogen C-terminal domain.Contains 15 fibronectin type-III domains.

## GENE INFORMATION

**Gene Name** TNC tenascin C [ Homo sapiens ]

**Official Symbol** TNC

**Synonyms** TNC; tenascin C; hexabrachion (tenascin C, cytotactin) , HXB; tenascin; hexabrachion (tenascin); MGC167029; TN;

**Gene ID** 3371

**mRNA Refseq** NM\_002160

**Protein Refseq** NP\_002151

**MIM** 187380

**Uniprot ID** P24821

**Chromosome Location** 9q32-q34

**Pathway** ECM-receptor interaction, organism-specific biosystem; ECM-receptor interaction, conserved biosystem; Focal Adhesion, organism-specific biosystem; Focal adhesion,

 Tel: 1-631-559-9269 1-516-512-3133

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA



organism-specific biosystem; Focal adhesion, conserved biosystem;

**Function**

binding; receptor binding; syndecan binding;

 Tel: 1-631-559-9269 1-516-512-3133

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA