

Recombinant Human TNC

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

SPECIFICATION

Product Overview	Recombinant fragment corresponding to amino acids 181-290 of Human Tenascin C with an N terminal proprietary tag; Predicted MWt 37.73 kDa.
Species	Human
Source	Wheat Germ
ProteinLength	110 amino acids
Description	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.
Molecular Weight	37.730kDa inclusive of tags
Form	Liquid
Purity	Proprietary Purification
Storage buffer	pH: 8.00Constituents:0.3% Glutathione, 0.79% Tris HCl
Storage	Shipped on dry ice. Upon delivery aliquot and store at -80oC. Avoid freeze / thaw cycles.

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Sequences of amino acids	KGPNCSEPECPGNCHLRGRCIDGQCICDDGFTGEDCSQLA 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,

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organism-specific biosystem; Focal adhesion, conserved biosystem;

Function

binding; receptor binding; syndecan binding;

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