

Native Human Tenascin C

Cat. No. TNC-50H Lot. No. (See product label)

SPECIFICATION

Product Overview	This product is purified human Tenascin, a secreted peptide found in the extracellular matrix that plays an active role in the development of the CNS and mesenchymal derived organs. It is also present in adult tumour vasculature and has functions in cell adhesion.
Species	Human
Form	Phosphate buffered saline
Molecular Mass	This protein migrates at around 280-300 kDa by SDS PAGE analysis
Purity	>97% by SDS PAGE
Usage	This product is furnished for LABORATORY RESEARCH USE ONLY. Not for diagnostic or therapeutic use.
Storage	Store at -70 °C. Storage in frost-free freezers is not recommended. This product should be stored undiluted. Avoid repeated freezing and thawing as this may denature the protein. If stored in this manner, this product is stable for 12 months after receipt.
Concentration	0.1mg/ml

GENE INFORMATION

Gene Name TNC tenascin C [Homo sapiens]

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Official Symbol	TNC
Synonyms	TNC; tenascin C; hexabrachion (tenascin C, cytotactin) , HXB; tenascin; hexabrachion (tenascin); MGC167029; TN; GP 150-225; cytotactin; neuronectin; myotendinous antigen; tenascin-C isoform 14/AD1/16; glioma-associated-extracellular matrix antigen; GP; JI
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, organism-specific biosystem; Focal adhesion, conserved biosystem; Integrin cell surface interactions, organism-specific biosystem; Signal Transduction, organism-specific biosystem;
Function	binding; receptor binding; syndecan binding;

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