

Active Recombinant Human TNC, His-tagged

Cat. No. TNC-734H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human TNC (Accession # NP_002151) Gly23-Pro625, fused with a C-terminal 6-His tag, was produced in Mouse myeloma cell line, NS0-derived.
Species	Human
Source	Mammalian Cells
ProteinLength	23-625 a.a.
Predicted N Terminal	Gly23
Form	Lyophilized from a 0.2 µm filtered solution in PBS.
Bio-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 70% - 90% NIH3/T3 cell adhesion (5 x 10 ⁴ cells/well, 100 µL/well).
Molecular Mass	Recombinant Human TNC, His-tagged has a calculated MW of 65.3 kDa. In SDS-PAGE migrates as 97 kDa, reducing conditions.
Purity	>95%, by SDS-PAGE under reducing conditions and visualized by silver stain.
Storage	Avoid repeated freeze-thaw cycles. No activity loss was observed after storage at: In lyophilized state for 1 year (4°C); After reconstitution under sterile conditions for 3

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months (-70°C).

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; GP 150-225; cytotactin; neuronectin; myotendinous antigen; tenascin-C isoform 14/AD1/16; glioma-associated-extracellular matrix antigen; GP; JI; HXB; GMEM; TN-C; 150-225;
Gene ID	3371
mRNA Refseq	NM_002160
Protein Refseq	NP_002151
MIM	187380
UniProt ID	P24821
Chromosome Location	9q32-q34

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