

## Recombinant Mouse Tnc Protein, Myc/DDK-tagged

**Cat. No.** Tnc-6538M    **Lot. No.** (See product label)

### SPECIFICATION

|                         |  |
|-------------------------|--|
| <b>Product Overview</b> | Purified recombinant protein of mouse full-length tenascin C (Tnc), with C-terminal MYC/DDK tag, expressed in HEK293T cells.   |
| <b>Species</b>          | Mouse  |
| <b>Source</b>           | HEK293   |
| <b>Description</b>      | Extracellular matrix protein implicated in guidance of migrating neurons as well as axons during development, synaptic plasticity as well as neuronal regeneration. Promotes neurite outgrowth when provided to neurons in culture. May play a role in supporting the growth of epithelial tumors. Ligand for integrins ITGA8:ITGB1, ITGA9:ITGB1, ITGAV:ITGB3 and ITGAV:ITGB6. In tumors, stimulates angiogenesis by elongation, migration and sprouting of endothelial cells. |
| <b>Molecular Mass</b>   | 222.3 kDa  |
| <b>Purity</b>           | > 80% as determined by SDS-PAGE and Coomassie blue staining  |
| <b>Stability</b>        | Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.  |
| <b>Storage</b>          | Store at -80 centigrade after receiving vials.   |
| <b>Concentration</b>    | >50 µg/mL as determined by microplate BCA method   |

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**Storage Buffer** 25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.

## GENE INFORMATION

**Gene Name** Tnc tenascin C [ *Mus musculus* (house mouse) ]

**Official Symbol** Tnc

**Synonyms** TNC; tenascin C; tenascin; hexabrachion; TN; Hxb; Ten; TN-C; AI528729; cytotactin; tenascin-C; C130033P17Rik; MGC144208; MGC144209

**Gene ID** 21923

**mRNA Refseq** NM\_011607

**Protein Refseq** NP\_035737

**UniProt ID** Q80YX1

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