

Recombinant Mouse TNC Protein (1884-2099 aa), His-tagged

Cat. No. TNC-2566M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse TNC Protein (1884-2099 aa) is produced by Yeast expression system. This protein is fused with a 6xHis tag at the N-terminal. Research Area: Signal Transduction. Protein Description: Partial.
Species	Mouse
Source	Yeast
ProteinLength	1884-2099 aa
Description	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.
Form	Tris-based buffer, 50% glycerol
Molecular Mass	26.8 kDa
AA Sequence	GLLYPFPRDCSQAMLNGDTTSGLYTIYINGDKTQALEVYCDMTSDGGGWIVFLRRK NGREDFYRNWKAYAAGFGDRREEFWLGLDNLSKITAQGQYELRVLDLQDHGESAYA VYDRFSVGDAKSRYKLKVEGYSGTAGDSMNYHNGRSFSTYDKDTSAITNCALSYK GAFWYKNCHRVNLMGRYGDNNHSQGVNWFHWKGHEYSIQFAEMKLPSN

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Purity	> 85% as determined by SDS-PAGE.
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4 centigrade for up to one week.
Storage	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20 centigrade/-80 centigrade. The shelf life of lyophilized form is 12 months at -20 centigrade/-80 centigrade.
Concentration	A hardcopy of COA will be sent along with the products. Please refer to it for detailed information.

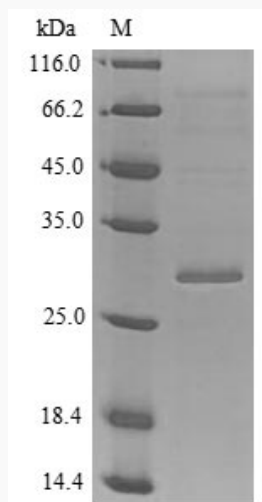
GENE INFORMATION

Gene Name	Tnc tenascin C [<i>Mus musculus</i>]
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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(Tris-Glycine gel) Discontinuous SDS-PAGE (reduced) with 5% enrichment gel and 15% separation gel.

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