

Product datasheet for **TP526329**

Tnc (NM_011607) Mouse Recombinant Protein

Product data:

Product Type: Recombinant Proteins

Description: Purified recombinant protein of Mouse tenascin C (Tnc), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug

Species: Mouse

Expression Host: HEK293T



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Expression cDNA >MR226329 representing NM_011607
Clone or AA Red=Cloning site Green=Tags(s)
Sequence:

MGAVTWLLPGIFLALFALTPEGGVLKIIHRKRESGLNMTLPEENQPVFNHIYNIKLPMGSSQCSVDLES
 ASGEKDLTPTPESSGSFQEHTVDGENQIVFTHRINIPRRACGCAAAPDVKELLSRLEELELLVSSLREQC
 TMGTGCCLQPAEGRDTRPFCSGRGNFSAEGCGVCCEPGWKGPNCSEPDCPGNCNLRGQCLDGGQCICDEG
 FTGEDCSQLACPNDQGRVCVNGVCFEGYAGPDCGLEVCVPCSEEHGMCVDGRCVCKDGFAGEDCN
 EPLCLNNCYNRGRVCVENECVDEGFTGEDCSELICPNDCFDGRGRINGTCYCEEFTGEDCGELTCPNDC
 QGRGQCEEGQVCNEGFAGADCSEKRCPADCHHRGRCLNGQCECDDGFTGADCGDLQCPNGCSGHGRCVN
 GQCVCEGYTGEDCSQRRCPNDCHNRGLCVQKGCICEQGFKGFDCSEMSPNDCHQHGRVCNMGICDDD
 YTGEDCRDRRCPRDCSQRGRVDGQCICEDGFTGPDCAELSCPSDCHGHGRVCNQGQCICHEGFTGKDCKE
 QRCPSDCHGQGRCEDGQCICHEGFTGLDCGQRSCPNDCSNQGQCVSGRVCICNEGYTGIDCSEVSPKDLI
 VTEVTEETVNLAWDNEMRVTEYLIMYTPHADGLEMQFRVPGDQTSTTIRELEPGVEYFIRVFAILNKR
 SIPVSARVATYLPAPPEGLKFKSIKETSVEVEWDPLDIAFETWEIIFRNMNKEDEGEITKSLRRPETSQRQ
 TGLAPGQEYEISLHIVKNNTRGPGLKVVTTTRLDAPSHIEVKDVTDTTALITWFKPLAEIDSIELSYGIK
 DVPGRDRTTIDLTHEDNQYSIGNLRPDTEYEVSLISRRVDMASNPAKETFITGLDAPRNLRRVSQTDNSIT
 LEWRNVKADIDSRIKYAPISGGDHAIDVPSKQQATTKTTLTGLRPGTEYGIGVSAVKGDKESDPATIN
 AATEIDAPKDLRVSETTQDSLTFWTTPLAKFDYRLNYSLPTGQSMEVQLPKDATSHVLTDLPEGGQEYT
 VLLIAEKGRHKS KPARVKASTEVEVPSLENLTVTEAGWDGLRLNWTADDLAYEYFVIQVQEANNVETAHNF
 TVPGNLRAADIPGLKVATSYRVSIVGARGYRTPVLSAETSTGTPNLGEVTVAEVGDALTLNWTAPEG
 AYKNFFIQVLEADTTQTVQNLVTPGGLRSVDLPGLKAATRYITLRGVTQDFGTAPLSVEVLTEDLPQLG
 GLSVTEVSWDGLTLNWTTDDLAYKHFWVQVQEANNVEAAQNLTVPGLRAVDIPGLKADTPYRVSIVGVI
 QGYRTPMLSTDVSTAREPEIGNLNVSDVTPKSFNLSWTATDGFIDMFTIEIIDSNRLLQTAEHNISGAER
 TAHISGLPSTDFIVYLSGIAPSIRTKTISTATTEAEPEVDNLLVSDATPDGFRLSWTADEGIFDSFVI
 RIRDTKKQSEPQEISLSPERTRDITGLREATEYEIELYGISRGRSQQVSAIATTAMGSPKEIMFSDIT
 ENAATVSWRAPTAQVESFRITYVPMTGAPSMVTVDTGDTETRLVKLTPGVEYRVSIVIAMKGFESDPVS
 GTLITALDGPSSGLLIANITDSEALAMWQPAIATVDSYVISYTGGERVPEVTRTVSGNTVEYELHDLEPATE
 YILSIFAEKGQKSSSIATKFTTDLDSPREFTATEVQSETALLTWRPPRASVTGYLLVYESVDGTVKEVI
 VGPDTTSSYSLADLSPSTHYSARIQALSGSLRSKLIQTIFTTIGLLYPFRDCSQAMLNGDTSGLYTIYI
 NGDKTQALEVYCDMTSDGGGWIVFLRRKNGREDFYRNWKAYAAGFGDRREEFWLGLDNLSKITAQQQYEL
 RVDLQDHGESAYAVYDRFSVGDAKSRYKLVKVEGYSGTAGDSMNYHNGRSFSTYDKDTSAITNCALS YKG
 AFWYKNCHRNVNLMGRYGDNNHSQGVNWFHWK GHEYSIQFAEMKLRPSNFRNLEGRRKRA

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag: C-MYC/DDK
Predicted MW: 222.3 kDa
Concentration: >0.05 µg/µL as determined by microplate BCA method
Purity: > 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer: 25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
Note: For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.

Storage:	Store at -80°C after receiving vials.
Stability:	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
RefSeq:	NP_035737
Locus ID:	21923
UniProt ID:	Q80YX1 , Q148T5 , Q8C9Z1
RefSeq Size:	6834
Cytogenetics:	4 34.06 cM
RefSeq ORF:	6057
Synonyms:	AI528729; C130033P17Rik; cytotactin; Hxb; Ten; tenascin-C; TN; TN-C
Summary:	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 (By similarity). [UniProtKB/Swiss-Prot Function]