

Product datasheet for **TP315251L**

Tenascin C (TNC) (NM_002160) Human Recombinant Protein

Product data:

Product Type: Recombinant Proteins

Description: Recombinant protein of human tenascin C (TNC), 1 mg

Species: Human

Expression Host: HEK293T



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Expression cDNA >RC215251 representing NM_002160
Clone or AA Red=Cloning site Green=Tags(s)
Sequence:

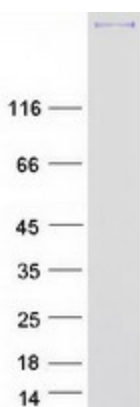
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 TAGAGCCLQPATGRLDTRPFCSGRGNFSTEGCGVCCEPGWKGPNCSEPECPGNCHLRGRCIDGQCICDDG
 FTGEDCSQLACPSDCNDQGKCVNGVICFEYAGADCSREICPVPCSEEHGTCVDGLCVCHDGFAGDDCN
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 HTQGRCEEQCVCEDEGFAGVDCSEKRCPADCHNRGRVCVDGRCECDDGFTGADCGELKCPNGCSGHGRVCN
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 QRCPSDCHGQGRVCVDGQCICHEGFTGLDCGQHSCPSDCNNLGGQCVSGRVCICNEGYSGEDCSEVSPKDLV
 VTEVTEETVNLAWDNEMRVTEYLWVYPTHEGGLEMQFRVPGDQTSTIIRELEPGVEYFIRVFAILENKK
 SIPVSARVATYLPAPEGLKFKSIKETSVEVEWDPLDIAFETWEIIFRNMNKEDEGEITKSLRRPETSQRQ
 TGLAPGQEYISLHIVKNNTRGPGLKRVTTTRLDAPSQIEVKDVTDTTALITWFKPLAEIDGIELTYGIK
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 LEWRNGKAAIDSYRIKYAPISGGDHAEVDVPSQQAATTKTTLTGLRPGTEYGIGVSAVKEDKESNPATIN
 AATELDTPKDLQVSETAETSLLLWKTPLAKFDYRLNYSLPTGQWVGVQLPRNNTSYVLRGLEPGQEYN
 VLLTAEKGRHKSAPARVKASTEQAPELENLTVTEVGWDGLRLNWTAAADQAYEHFIIQVQEANKVEAARNL
 TVPGLRAVDIPGLKAATPYTVSIYGVIGYRTPVLSAEASTGETPNLGEVVAEVGWDALKLNWTAPEG
 AYEYFFIQVQEADTVEAAQNLVTPGGLRSTDLPLGLKAATHYTITIRGVTQDFSTPLSVEVLTEEVPDMG
 NLTVTEVSWDALRLNWTTPDGTYDQFTIQVQEQADQVEEAHNLVTPGSLRSMEIPGLRAGTPYTVTLHGEV
 RGHSTRPLAVEVVTEDLPQLGDLAVSEVGWDGLRLNWTAAADNAYEHFIIQVQEVNKEAAQNLTPGSLR
 AVDIPGLEAATPYRVSIVIRGYRTPVLSAEASTAKEPEIGNLNVSIDITPESFNLSWMATDGFIFETFI
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 LRAEIVTEAEPEVDNLLVSDATPDGFRLSWTADGVDNFVLRKIRDTKKQSEPLEITLLAPERTRDLTGL
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 PAIATVDSYVISYTGKVPETRTVSGNTVEYALTDLEPATEYTLRIFAEGPQKSSTITAKFTTDLDSP
 RDLTATEVQSETALLTWRPPRASVTGYLLVYESVDGTVKEVIVGPDTSYSLADLSPSTHYTAKIQALNG
 PLRSNMIQTIFTTIGLLYFPFKDCSQAMLNDDTTSGLYTIYLNKDGAQALEVFCDMTSDGGGWIVFLRRK
 NGRENFYQNWKAYAAGFGDRREEFWLGLDNLNKITAQGYELRVDLRDHGETAFAYVDKFSVGDATRYK
 LKVEGYSGTAGDSMAYHNGRSFSTFDKDTDSAITNCALSYKGAFWYRNCHRVNLMGRYGDNNHSQGVNWF
 HWKGHEHSIQFAEMKLRPSNFRNLEGRRKRA

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag: C-Myc/DDK
Predicted MW: 238.6 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
Preparation:	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
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.
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_002151
Locus ID:	3371
UniProt ID:	P24821 , B4E1W8 , Q4LE33
RefSeq Size:	7560
Cytogenetics:	9q33.1
RefSeq ORF:	6603
Synonyms:	150-225; DFNA56; GMEM; GP; HXB; JI; TN; TN-C
Summary:	This gene encodes an extracellular matrix protein with a spatially and temporally restricted tissue distribution. This protein is homohexameric with disulfide-linked subunits, and contains multiple EGF-like and fibronectin type-III domains. It is implicated in guidance of migrating neurons as well as axons during development, synaptic plasticity, and neuronal regeneration. [provided by RefSeq, Jul 2011]
Protein Families:	Druggable Genome, ES Cell Differentiation/IPS, Secreted Protein, Transmembrane
Protein Pathways:	ECM-receptor interaction, Focal adhesion

Product images:



Coomassie blue staining of purified TNC protein (Cat# [TP315251]). The protein was produced from HEK293T cells transfected with TNC cDNA clone (Cat# [RC215251]) using MegaTran 2.0 (Cat# [TT210002]).