

Product datasheet for **TP315251SE**

Tenascin C (TNC) (NM_002160) Human Recombinant Protein

Product data:

Product Type: Recombinant Proteins

Description: Purified recombinant protein of Human tenascin C (TNC), secretory expressed in HEK293T cells, 20ug

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:

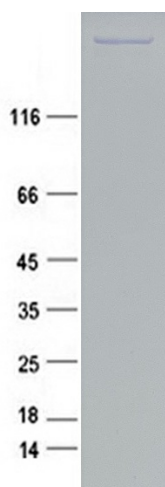
MGAMTQLLAGVFLAFLALATEGGVLLKKVIRHKRQSGVNATLPEENQPVWFNHVYNIKLPVGSQCSVDLES
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 TAGAGCCLQPATGRLDTRPFCSGRGNFSTEGCGVCCEPGWKGPNCSEPECPGNCHLRGRCIDGQCICDDG
 FTGEDCSQLACPSDCNDQGKCVNGVICFEYAGADCSREICPVPCSEEHGTCVDGLCVCHDGFAGDDCN
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 HTQGRCEEQCVCDEGFAGVDCSEKRCPADCHNRGRVCVDGRCECDDGFTGADCGELKCPNGCSGHGRVCVN
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 YTGEDCRDRQCPRDCSNRGLCVDGQCVCEGFTGPDCAELSCPNDCHGRGRVCNMGQVCHEGFMGKDCKE
 QRCPSDCHGQGRVCVDGQCICHEGFTGLDCGQHSCPSDCNNLGGQCVSGRVCICNEGYSGEDCSEVSPKDLV
 VTEVTEETVNLAWDNEMRVTEYLWVYPTHEGGLEMQFRVPGDQTSTIIRELEPGVEYFIRVFAILENKK
 SIPVSARVATYLPAPEGLKFKSIKETSVEVEWDPLDIAFETWEIIFRNMNKEDEGEITKSLRRPETSQRQ
 TGLAPGQEYISLHIVKNNTRGPGLKRVTTTRLDAPSQIEVKDVTDTTALITWFKPLAEIDGIELTYGIK
 DVPGDRTTIDLTEENQYSIGNLKPDETEYEVSLISRRGDMSSNPAKETFTTGLDAPRNLRRVSQTDNSIT
 LEWRNGKAAIDSYRIKYAPISGGDHAEVDPKSSQATTKTTLTGLRPGTEYGIGVSAVKEDKESNPATIN
 AATELDTPKDLQVSETAETSLTLLWKTPLAKFDYRLNYSLPTGQWVGVQLPRNNTSYVLRGLEPGQEYN
 VLLTAEKGRHKSAPARVKASTEQAPELENLTVTEVGWDGLRLNWTAAADQAYEHFIIQVQEANKVEAARNL
 TVPGLSLRAVDIPGLKAATPYTVSIYGVYQYRTPVLSAEASTGETPNLGEVVAEVGWDALKLNWTAPEG
 AYEYFFIQVQEADTVEAAQNLTPVGGRLRSTDLPLGLKAATHYTITIRGVTQDFSTTPLSVEVLTEEVPDMG
 NLTVTEVSWDALRLNWTPDGTYDQFTIQVQEQADQVEEAHNLTPVGLRSMEIPGLRAGTPYTVTLHGEV
 RGHSTRPLAVEVVTEDLPQLGDLAVSEVGWDGLRLNWTAAADNAYEHFIIQVQEVNKEAAQNLTPGLSLR
 AVDIPGLEAATPYRVSIVYRTPVLSAEASTAKEPEIGNLNVSIDITPESFNLSWMATDGFIFETFI
 EIIDSNRLLTVEYNISGAERTAHISGLPPSTDFIVYLSGLAPSIRTKTISATATTEALPLENLTISDI
 NPYGFTVSWMASENAFDSFLVTVDVSGKLLDPQEFLLSGTQRKLELRGLITGIGYEVMSVSGFTQGHQTKP
 LRAEIVTEAEPEVDNLLVSDATPDGFRLSWTADGVDNFVLRKIRDTKKQSEPLEITLLAPERTRDLTGL
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 PAIATVDSYVISYTGKVPETRTVSGNTVEYALTDLEPATEYTLRIFAEGPQKSSITAKFTTDLDSP
 RDLTATEVQSETALLTWRPPRASVTGYLLVYESVDGTVKEVIVGPDTSYSLADLSPSTHYTAKIQALNG
 PLRSNMIQTIFTTIGLLYFPFKDCSQAMLNDDTTSGLYTIYLNKDGAQALEVFCDMTSDGGGWIVFLRRK
 NGRENFYQNWKAYAAGFGDRREEFWLGLDNLNKITAQQQYELRVDLRDHGETAFVYDKFSVGDATRYK
 LKVEGYSGTAGDSMAYHNGRSFSTFDKDTSDAITNCALSYKGAFWYRNCHRVNLMGRYGDNNHSQGVNWF
 HWKGHEHSIQFAEMKLRPSNFRNLEGRRKRA

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag: C-Myc/DDK
Predicted MW: 242.3 kDa
Concentration: >50 ug/mL as determined by microplate Bradford method
Purity: > 80% as determined by SDS-PAGE and Coomassie blue staining

Buffer:	25mM Tris-HCl, pH7.3, 100mM glycine, 10% glycerol
Note:	For 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 at least 1 year from receipt of products 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 #TP315251SE). The protein was produced from mammalian cells transfected with TNC cDNA clone (Cat #[RC215251]).