

Product Information

MemDX™ Membrane Protein Human TNC (Tenascin C) for Antibody Discovery

Cat. No.: **MP1217J**

This product is for research use only and is not intended for diagnostic use.

This product is a 238.6 kDa Human TNC membrane protein expressed in HEK293T. The protein is for research use only and is not approved for use in humans or in clinical diagnosis.

Product Specifications

Host Species

Human

Target Protein

TNC

Protein Length

Full-length

Protein Class

Druggable Genome, ES Cell Differentiation/IPS, Secreted Protein, Transmembrane

Molecular Weight

238.6 kDa

Sequence

MGAMTQLLAGVFLAFLALATEGGVLKKVIRHKRQSGVNATLPEENQPVVFNHVYNIKLPGVSQCSVDLES
ASGEKDLAPPSEPSESFQEHTVDGENQIVFTHRINIPRRACGCAAAPDVKELLSRLEELNLYSSLRQC
TAGAGCCLQPATGRLDTRPFCSGRGNFSTEGCGCVCEPGWKGPNCSEPECPGNCHLRGRCIDGQCICDDG
FTGEDCSQLACPSDCNDQGKCVNGVCICFEGYAGADCSREICPVPCSEEHGTCVDGLCVCHDGFAGDDCN
KPLCLNNCYNRGRVCVENECVDEGFTGEDCSELICPNDCFDRGRGRCINGTCYCEEGFTGEDCGKPTCPHAC
HTQGRCEEQQVCDEGFAGVDCSEKRCPADCHNRGRGRCVDGRCECDDGFTGADCGELKCPNGCSGHGRCVN
GQCVCDEGYTGEDCSQLRCPNDCHSRGRGRCVEGKVCCEQGFKYDCSDMSCPNDCQHGRGRCVNGMCVCDDG
YTGEDCRDRQCPRDCSNRGLCVDGQCVCEDGFTGPDCAELSCPNDCHGRGRCVNGQCVCHEGFMGKDCKE
QRCPDCHGQGRGRCVDGQCICHEGFTGLDCGQHSCPSDCNNLGQCVSGRCICNEGYSGEDCSEVSPPKDLV
VTEVTEETVNLAWDNEMRVTEYLVVYTPTHEGGLEMQFRVPGDQTSTIIRELEPGVEYFIRVFAILENKK
SIPVSARVATYLPAPGLKFKSIKETSVEVEWDPLDIAFETWEIIFRNMNKEDEGEITKSLRRPETSQRQ
TGLAPGQEYEISLHIVKNNTTRGPGLKRVTTTTRLDAPSQIEVKDVTDTTALITWFKPLAIDGIELTYGIK
DVPGRDRTTIDLTEDENQYSIGNLKPDEYEVSLISRRGDMSSNPAKETFTTGLDAPRNLRRVSQTDNSIT
LEWRNGKAAIDSYRIKYAPISGGDHAEDVVPKQQATTKTTLTGLRPGTEYGIGVSAVKEDKESNPATIN
AATELDTPKDLQVSETAETSLTLLWKTPLAKFDRLNLSLPTGQWVGVLPRNTTSYVLRGLEPGQEYN
VLLTAEKGRHKSPPARVKAESTEQAPELENLTVTEVGWDGLRLNWTAAADQAYEHFIQVQEANKVEAARNL
TVPGSLRAVDIPGLKAATPYTVSIYGVIIQGYRTPVLSAEASTGETPNLGEVVVAEVGWDALKLNWTAPEG
AYEYFFIQQVEADTVEAAQNLTVPGLRSTDLPLGLKAATHYTITIRGVTQDFSTTPLSVEVLTEEVPDMG
NLTVTEVSWDALRLNWTTPDGTQFTIQVQEQADQVEEAHNLTVPGSLRSMEIPLRAGTPYTVTLHGEV
RGHSTRPLAVEVVTEDLPQLGDLAVSEVGWDGLRLNWTAAADNAYEHFVIQVQEVNKEAAQNLTLPGLSLR
AVDIPGLEAATPYRVSIYGVIRGYRTPVLSAEASTAKEPEIGNLVSDITPESFNLSSWMATDGFIFETFI
EIIDSNRLLETVEYNISGAERTAHISGLPPSTDFIVYLSGLAPSIRTKTISATATTEALPLLENLTISDI
NPYGFTVSWMASENAFDSFLVTVDGSKLLDPQEFTLSGTQRKLELRGLITGIGYEVVMVSGFTQGHQTKP
LRAEIVTEAEPEVDNLLVSDATPDGFRLSWTADEGVDFNFVLKIRDTKKQSEPLEITLLAPERTRDLTGL

REATEYEIELYGISKGRRSQTVSAIATTAMGSPKEVIFSDITENSATVSWRAPTAQVESFRITYVPITGG
TPSMVTVDGTKTQTRLVKLIPGVEYLVSIAMKGFESEPVSGSFTTALDGPSGLVTANITDSEALARWQ
PAIATVDSYVISYTGEKVPEITRTVSGNTVEYALTDLEPATEYTLRIFAEGPQKSSTITAKFTTDLDSP
RDLTATEVQSETALLTWRPPRASVTGYLLVYESVDGTVKEVIVGPDTTSYSLADLSPSTHYTAKIQALNG
PLRSNMIQTIFTTIGLLYPFPKDCSQAMLNGDTSGLYTIYLNKDKAQALEVFCDMTSDGGGWIVFLRRK
NGRENFYQNWKAYAAGFGDRREEFWLGLDNLNKITAQQQYELRVDLRDHGETAFAYDKFSVGDAKTRYK
LKVEGYSGTAGDSMAYHNGRSFSTFDKDTDSAITNCALSYKGAFWYRNCHRVNLMGRYGDNNHSQGVNWF
HWKGHEHSIQFAEMKLRP SNFRNLEGRRKRA

Product Description

Expression Systems

HEK293T

Tag

C-Myc/DDK

Form

Liquid

Purification

Anti-DDK affinity column followed by conventional chromatography steps

Purity

> 80% as determined by SDS-PAGE and Coomassie blue staining

Buffer

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

Storage

Store at +4°C for up to one week or several months at -80°C

Target

Target Protein

TNC

Full Name

Tenascin C

Introduction

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.

Alternative Names

150-225; DFNA56; GMEM; GP; HXB; JI; TN; TN-C

Gene ID

[3371](#)

UniProt ID

[P24821](#)