

Product datasheet for TP320277

TNR (NM_003285) Human Recombinant Protein

Product data:

Product Type: Recombinant Proteins
Description: Recombinant protein of human tenascin R (restrictin, janusin) (TNR), 20 µg
Species: Human
Expression Host: HEK293T
Expression cDNA Clone or AA Sequence: >RC220277 representing NM_003285
Red=Cloning site Green=Tags(s)

MGADGETVVLKNMLIGVNLILLGSMIKPSECQLEVTTERTVQRQSVVEEGGIANYNNTSSKEQPWFNHHVYN
 INVPLDNLCSGLEASAEQEVSAEDELAEYMGQTS DHESQVTFTHRINFPPKACPCASSAQLVQLLESLR
 IEMLEREVSVLRDQCNANCCQESAATGQLDYIPHC SGHGNFSFESCGCICNEGWF GKNCSEPYCPLGCSS
 RGVCVDGQCICDSEYSGDDCSELRCPTDCSSRGLCVDGECVCEPYTGEDCRELRCPGDCSGKGR CANGT
 CLCEEYVGEDCGQRQCLNACSGRGQCEEGLCVCEEYQGPDCSAVAPPEDLRVAGISDRSIELEWDGPM
 AVTEYVISYQPTALGGLQLQQRVPGDWSGVTIT EPLTYNISVYAVISNILSLPITAKVATHLSTPQG
 LQFKTITETTVEVQWEPFSSFDFGWEISFIPKNNEGGVIAQVPSDVT SFNQ TGLKPGEEYIVNVALKEQ
 ARSPPTSASVSTVIDGPTQILVRDVSDTVAFVEWIPRAKVD FILLKYGLVGGEGGRTTFR LQPPLSQYS
 VQALRPGSRYEVSVAVRGTNESDSATTQFTTEIDAPKNLRVGSRTATS LDLEWDNSEA EVQEYKVVYST
 LAGEQYHEVLVPRGIGPTTRATLTDLVPGTEYGVGISA VMNSQQSVPATMNA RTELDSPRDLMTASSET
 SISLIWTKASGPIDHYRITFTPSSGIASEVTPKDRTSYTLTDLEPGA EYIISVTAERGRQQSLESTVDA
 FTGFRPISHLHFHVTSVSSVNITWSDPSPPADRLILNYSRDEEEEMMEVSLDATKRHAVLMGLQPATEY
 IVNLVAVHGTVTSEPIVGSITTGIDPPKIDITISNVTKDSVMVSWSPPVASF DYYRVSYRPTQVGRLDSSV
 VPNTVTEFTITRLNPATEYEISLNSVRGREESERIC TLVHTAMDNPVDLIATNITPTEALLQWKAPVGEV
 ENYVIVLTHFAVAGETILVDGVSEEFRLVDLLPSTHYTATMYATNGPLTSGTISTNFSTLLDPPANLTAS
 EVTRQSALISWQPPRAEINYLTYKSTDGSRKELIVDAEDTWIRLEGLLENTDYTVLLQAAQDTTWSSI
 TSTAFTTGGRVFPHPQDCAQHLMNGD TLSGVYPIFLNGELSQKLQVYCDMTTDGGGWIVFQRRQNGQTD F
 FRKWADYRVGFGNVEDEFWLGLDNIHRITSQGRYELRVDMRDGQEAAFASYDRFSVEDSRNLYKLRIGSY
 NGTAGDSL SYHQGRPFSTEDRDNDVAVTNCAMSYKGAWWYKNCHRTNLNGKYGESRHSQGINWYHWKGHE
 FSIPFVEMKMRPYNHRLMAGRKRQSLQF

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

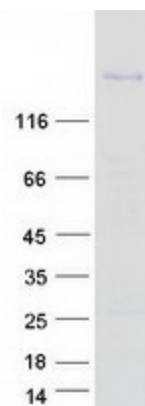
Tag: C-Myc/DDK
Predicted MW: 149.4 kDa



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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_003276
Locus ID:	7143
UniProt ID:	Q92752 , A1L306
RefSeq Size:	4716
Cytogenetics:	1q25.1
RefSeq ORF:	4074
Synonyms:	TN-R
Summary:	This gene encodes a member of the tenascin family of extracellular matrix glycoproteins. The encoded protein is restricted to the central nervous system. The protein may play a role in neurite outgrowth, neural cell adhesion and modulation of sodium channel function. It is a constituent of perineuronal nets. [provided by RefSeq, Aug 2013]
Protein Families:	Druggable Genome
Protein Pathways:	ECM-receptor interaction, Focal adhesion

Product images:



Coomassie blue staining of purified TNR protein (Cat# TP320277). The protein was produced from HEK293T cells transfected with TNR cDNA clone (Cat# [RC220277]) using MegaTran 2.0 (Cat# [TT210002]).