

Product datasheet for **TP320277M**

TNR (NM_003285) Human Recombinant Protein

Product data:

Product Type: Recombinant Proteins
Description: Recombinant protein of human tenascin R (restrictin, janusin) (TNR), 100 µg
Species: Human
Expression Host: HEK293T
Expression cDNA Clone or AA Sequence: >RC220277 representing NM_003285
Red=Cloning site Green=Tags(s)

MGADGETVVLKNMLIGVNLILLGSMIKPSECQLEVTTERTVQRQSVVEEGGIANYNNTSSKEQPWFNHHVYN
 INVPLDNLCSGLEASAEQEVSAEDELAEYMGQTS DHESQVTFTHRINFPPKACPCASSAQLVQELLSR
 IEMLEREVSVL RDQCNANCCQESAATGQLDYIPHCSGHGNFSFESCGCICNEGWF GKNCSEPYCPLGCSS
 RGVCVDGQCICDSEYSGDDCSELRCPTDCSSRGLCVDGECVCEPYTGEDCRELRCPGDCSGKGR CANGT
 CLCEEYVGEDCGQRQCLNACSGRGQCEEGLCVCEEYQGPDCSAVAPPEDLRVAGISDRSIELEWDGPM
 AVTEYVISYQPTALGGLQLQQRVPGDWSGVTITELEPGLTYNISVYAVISNILSLPITAKVATHLSTPQG
 LQFKTITETTVEVQWEPFSEFDGWEISFIPKNNEGGVIAQVPSDVT SFNQ TGLKPGEEYIVNVALKEQ
 ARSPPTSASVSTVIDGPTQILVRDVSDTVAFVEWIPRAKVD FILLKYGLVGGEGRTTFR LQPPLSQYS
 VQALRPGSRYEVSVAVRGTNESDSATTQFTTEIDAPKNLRVGSRTATSLDLEWDNSEA EVQEYKVVYST
 LAGEQYHEVLVPRGIGPTTRATLTDLVPGTEYGVGISAVMNSQQSVPATMNARTELDSPRDLMTASSET
 SISLIWTKASGPIDHYRITFTPSSGIASEVTPKDRTSYTLTDLEPGA EYIISVTAERGRQQSLESTVDA
 FTGFRPISHLHFHVTSVSSVNITWSDPSPADRLILNYSRDEEEEMMEVSLDATKRHAVLMGLQPATEY
 IVNLVAVHGTVTSEPIVGSITTGIDPPKIDITISNVTKDSVMVSWSPPVASF DYYRVSYRPTQVGRLDSSV
 VPNTVTEFTITRLNPATEYEISLNSVRGREESERICLVHTAMDNPVDLIATNITPTEALLQWKAPVGEV
 ENYVIVLTHFAVAGETILVDGVSEEFRLVDLLPSTHYTATMYATNGPLTSGTISTNFSTLLDPPANLTAS
 EVTRQSALISWQPPRAEINYLTYKSTDGSRKELIVDAEDTWIRLEGLLENTDYTVLLQAAQDTTWSSI
 TSTAFTTGGRVFPHPQDCAQHLMNGD TLSGVYPIFLNGELSQKLQVYCDMTTDGGGWIVFQRRQNGQTD F
 FRKWADYRVGFGNVEDEFWLGLDNIHRITSQGRYELRVDMRDGQEA AFASYDRFSVEDSRNLYKLRIGSY
 NGTAGDSL SYHQGRPFSTEDRDNDVAVTNCAMSYKGAWWYKNCHRTNLNGKYGESRHSQGINWYHWKGHE
 FSIPFVEMKMRPYNHRLMAGRKRQSLQF

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

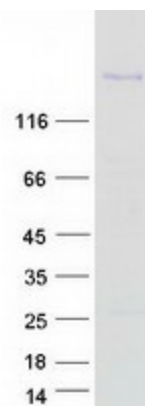
Tag: C-Myc/DDK
Predicted MW: 149.4 kDa



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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]).