

## Product datasheet for **TP320277L**

### TNR (NM\_003285) Human Recombinant Protein

#### Product data:

**Product Type:** Recombinant Proteins  
**Description:** Recombinant protein of human tenascin R (restrictin, janusin) (TNR), 1 mg  
**Species:** Human  
**Expression Host:** HEK293T  
**Expression cDNA Clone or AA Sequence:** >RC220277 representing NM\_003285  
Red=Cloning site Green=Tags(s)

MGADGETVVLKNMLIGVNLILLGSMIKPSECQLEVTTERTVQRQSVVEEGGIANYNNTSSKEQPWFNHHVYN  
 INVPLDNLCSGLEASAEQEVSAEDELAEYMGQTS DHESQVTFTHRINFPPKACPCASSAQLVQELLSR  
 IEMLEREVSVLRDQCNANCCQESAATGQLDYIPHC SGHGNFSFESCGCICNEGWF GKNCSEPYCPLGCSS  
 RGVCVDGQCICDSEYSGDDCSELRCPTDCSSRGLCVDGECVCEPYTGEDCRELRCPGDCSGKGR CANGT  
 CLCEEYVGEDCGQRQCLNACSGRGQCEEGLCVCEEYQGPDCSAVAPPEDLRVAGISDRSIELEWDGPM  
 AVTEYVISYQPTALGGLQLQQRVPGDWSGVTIT EPLTYNISVYAVISNILSLPITAKVATHLSTPQG  
 LQFKTITETTVEVQWEPFSSFDFGWEISFIPKNNEGGVIAQVPSDVT SFNQ TGLKPGEEYIVNVALKEQ  
 ARSPPTSASVSTVIDGPTQILVRDVSDTVAFVEWIPRAKVD FILLKYGLVGGEGGRTTFR LQPPLSQYS  
 VQALRPGSRYEVSVAVRGTNESDSATTQFTTEIDAPKNLRVGSRTATSLDLEWDNSEAEVQEYKV VYST  
 LAGEQYHEVLVPRGIGPTTRATLTDLVPGTEYGVGISAVMNSQQSVPATMNARTELDSPRDLMTASSET  
 SISLIWTKASGPIDHYRITFTPSSGIASEVTPKDRTSYTLTDLEPGA EYIISVTAERGRQQSLESTVDA  
 FTGFRPISHLHFHVTSVSSVNITWSDPSPPADRLILNYSRDEEEEMMEVSLDATKRHAVLMGLQPATEY  
 IVNLVAVHGTVTSEPIVGSITTGIDPPKIDITISNVTKDSVMVSWSPPVASF DYYRVSYRPTQVGRLDSSV  
 VPNTVTEFTITRLNPATEYEISLNSVRGREESERICLVHTAMDNPVDLIATNITPTEALLQWKAPVGEV  
 ENYVIVLTHFAVAGETILVDGVSEEFRLVDLLPSTHYTATMYATNGPLTSGTISTNFSTLLDPPANLTAS  
 EVTRQSALISWQPPRAEINYLTYKSTDGSRKELIVDAEDTWIRLEGLLENTDYTVLLQAAQDTTWSS I  
 TSTAFTTGGRVFPHPQDCAQHLMNGD TLSGVYPIFLNGELSQKLQVYCDMTTDGGGWIVFQRRQNGQ TDF  
 FRKWADYRVGFGNVEDEFWLGLDNIHRITSQGRYELRVDMRDGQEA AFASYDRFSVEDSRNLYKLRIGSY  
 NGTAGDSL SYHQGRPFSTEDRDNDVAVTNCAMSYKGAWWYKNCHR TNLNGKYGESRHSQGINWYHWKGHE  
 FSIPFVEMKMRPYNHRLMAGRKRQSLQF

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

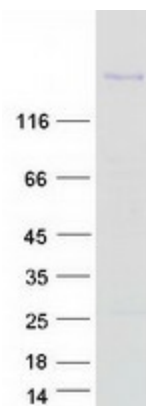
**Tag:** C-Myc/DDK  
**Predicted MW:** 149.4 kDa



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<b>Concentration:</b>	>0.05 µg/µL as determined by microplate BCA method
<b>Purity:</b>	> 80% as determined by SDS-PAGE and Coomassie blue staining
<b>Buffer:</b>	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
<b>Preparation:</b>	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
<b>Note:</b>	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
<b>Storage:</b>	Store at -80°C.
<b>Stability:</b>	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
<b>RefSeq:</b>	<a href="#">NP_003276</a>
<b>Locus ID:</b>	7143
<b>UniProt ID:</b>	<a href="#">Q92752</a> , <a href="#">A1L306</a>
<b>RefSeq Size:</b>	4716
<b>Cytogenetics:</b>	1q25.1
<b>RefSeq ORF:</b>	4074
<b>Synonyms:</b>	TN-R
<b>Summary:</b>	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]
<b>Protein Families:</b>	Druggable Genome
<b>Protein Pathways:</b>	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]).