

Recombinant Full Length Human TNR Protein, C-Flag-tagged

Cat. No. TNR-1550HFL **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Full Length Human TNR Protein, fused to Flag-tag at C-terminus, was expressed in Mammalian cells.
Species	Human
Source	Mammalian Cells
Description	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.
Form	25 mM Tris HCl, pH 7.3, 100 mM glycine, 10% glycerol.
Molecular Mass	149.4 kDa
AA Sequence	MGADGETVVLKNMLIGVNLILLGSMIKPSECQLEVTTERVQRQSVEEEGGIANYNYS SKEQPVVFNHVYN INVPLDNLCSGLEASAEQEVSAEDELAEYMGQTS DHESQVT FTHRINFPPKACPCASSAQVLQELLSR IEMLEREVSVLRDQCNANCCQESAATGQL DYIPHC SGHGNFSFESCGCICNEGWF GKNCSEPYCPLGCSS RGV CVDGQCICDSE YSGDDCSELRCPTDCSSRGLCVDGECVCEEPTGEDCRELRCPGDCSGKGRCAN GT CLCEEGYVGEDCGQRQCLNACSGRGQCEEGLCVCEEYQGPDCSAVAPPED LRVAGISDRSIELEWDGPM AVTEYVISYQPTALGGLQLQQRVPGDWSGVTITELEP GLTYNISVYAVISNILSLPITAKVATHLSTPQG LQFKTITETTVEVQWEPFSFSDGWE ISFIPKNNEGGVIAQVPSDVT SFNQ TGLKPGEEYIVNVVALKEQ ARSPPTSASVSTVI

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

DGPTQILVRDVSDTVAFVEWIPRAKVDFILLKYGLVGGEGGRTTFRLQPPLSQYS V
 QALRPGSRYEVSVAVRGTNESDSATTQFTTEIDAPKNLRVGSRTATSLDLEWDNS
 EAEVQEYKVVYST LAGEQYHEVLVPRGIGPTTRATLTDLVPGTEYGVGISAVMNSQ
 QSVPATMNARTELDSPRDLMTASSET SISLIWTKASGPIDHYRITFTPSSGIASEVT
 VPKDRTSYTLTDLEPGAHEYISVTAERGRQQSLESTVDA FTGFRPISHLHFSHVTSSS
 VNITWSDPSPPADRLILNYSRDEEEEMMEVSLDATKRHAVLMGLQPATEY IVNLVA
 VHGTVTSEPIVGSITTGIDPPKDITISNVTKDSVMVSWSPPVASFYYRVSYRPTQVG
 RLDSSV VPNTVTEFTITRLNPATEYEISLNSVRGREESERICTLVHTAMDNPVDLIAT
 NITPTEALLQWKAPVGEV ENYVIVLTHFAVAGETILVDGVSEEFRLVDLLPSTHYTAT
 MYATNGPLTSGTISTNFSTLLDPPANLTAS EVTRQSALISWQPPRAEINYLTYKST
 DGSRKELIVDAEDTWIRLEGLLENTDYTVLLQAAQDTTWSSI TSTAFTTGGRVFPHP
 QDCAQHLMNGDTLSGVYPIFLNGELSQKLQVYCDMTTDGGGWIVFQRRQNGQTDf
 FRKWADYRVGFGNVEDEFWLGLDNIHRITSQGRYELRVDMRDGQEAAFASYDRFS
 VEDSRNLYKLRIQSY NGTAGDSLQYHQGRPFSTEDRDNDVAVTNCAMSYKGAWW
 YKNCHRTNLNGKYGESRHSQGINWYHWKGHE
 FSIPFVEMKMRPYNHRLMAGRKRQSLQFTRTRPLEQKLISEEDLAANDILDYKDDDD
 KV

Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining.
Stability	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
Storage	Store at -80 centigrade.
Concentration	>50 ug/mL as determined by microplate BCA method.
Preparation	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.

Protein Families	Druggable Genome
Protein Pathways	ECM-receptor interaction, Focal adhesion
Full Length	Full L.

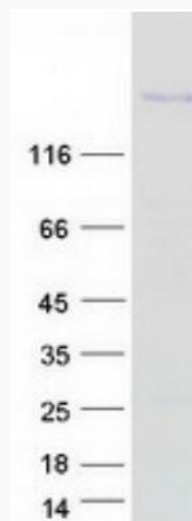
GENE INFORMATION

Gene Name	TNR tenascin R [Homo sapiens (human)]
Official Symbol	TNR
Synonyms	TN-R; NEDSTO
Gene ID	7143
mRNA Refseq	NM_003285.3
Protein Refseq	NP_003276.3
MIM	601995
UniProt ID	Q92752

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Coomassie blue staining of purified TNR protein.

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