

Product datasheet for PH320277

TNR (NM_003285) Human Mass Spec Standard

Product data:

Product Type:	Mass Spec Standards
Description:	TNR MS Standard C13 and N15-labeled recombinant protein (NP_003276)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC220277
Predicted MW:	149.4 kDa
Protein Sequence:	>RC220277 representing NM_003285 Red=Cloning site Green=Tags(s)

MGADGETVVLKNMLIGVNLILLGSMIKPSECQLEVTTERVQRQSVVEEGGIANYNTSSKEQPVFNHVYN
INVPLDNLCSGLEASAEQVSAEDELAEYMGQTSDHESQVTFTHRINFPKKACPCASSAQLQELLSR
IEMLEREVSVLRDQCNANCCQESAATGQLDYIPHCSEHGNSFESCICNEGWFKNCSEPYCPLGCCS
RGVCDVGGQICDSEYSGDDCSELRCPTDCSSRGLCVDGECVCEEPYTGEDCRELCRPGDCSGKGRANGT
CLCEEYVGEDCGQRQCLNACSGRGQCEEGLCVCEEYQGPDCSAVAPPEDLRVAGISDRSIELEWDGPM
AVTEYVISYQPTALGGLLQQRVPGDWSGVTITELPGLTYNISVYAVISNILSLPITAKVATHLSTPQG
LQFKTITETTVEVQWEPFSFDFGWEISFIPKNEGVIQVPSDVTSTFNQTLKPGEEYIVNVVALKEQ
ARSPPTSASVSTVIDGPTQILVRDVSDFVAFVWIPRAKVDVILLKYGLVGGEGRTTFRLLQPPLSQYS
VQALRPGSRYEVSVAVRGTNESDSATTQFTTEIDAPKNLRVGSRTATSLDLEWDNSEAEVQEYKVVYST
LAGEQYHEVLVPRGIGPTRATLTDLVPGTEYGVGISAVMNSQQSVPATMNADELSPRDLMTASSET
SISLIWTKASGPIIDHYRITFTPSSGIASEVTPKDRTSYTLTDLEPGAIEYIISVTAERGRQSQLESTVDA
FTGFRPISHLHFVSHVTSVVNITWSDPSPADRLILNYSRDEEEEMMEVSLDATKRHAVLMGLQPATEY
IVNLVAVHGTVTSEPIVGSITTGIDPPKDIITISNVTKDSVMVSWSPVASFDYRVSYPRTQVGRDSSV
VPNTVTEFTITRLNPATEYEISLNSVRGSEESERICLVHTAMDNPVDLIATNITPTEALLQWKAPVGEV
ENYVIVLTHFAVAGETILVDGVSEEFRLVDLLPSTHYTATMYATNGPLTSGTISTNFSTLLDPPANLTAS
EVTRQSALISWQPPRAEIEENYVLYKSTGDSRKELIVDAEDTWIRLEGLLENTDYVLLQAAQDTWSSI
TSTAFTTGGRVFPHPQDCAQHLMNGDLSGVYPIFLNGELSQLQVYCDMTDGGGWIVFQRRNGQDF
FRKWADYRVGFGNVEDEFWLGLDNIHRITSQGRYELRVDMRDGQEAFAFASYDRFSVEDSRNLYKLRIGSY
NGTAGDSL SYHQGRPFSTEDRDNDVAVNTCAMSYKGAWWYKNCHRNLNGKYGESRHSQGINWYHWKGHE
FSIPFVEMKMRPYNHRLMAGRKRQSLQF

TRTRPLEQKLI SEEDLAANDILDYKDDDDKV

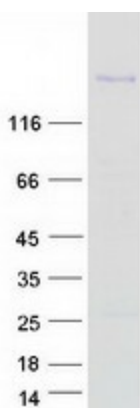
Tag:	C-Myc/DDK
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Concentration:	>0.05 µg/µL as determined by microplate BCA method



[View online »](#)

Labeling Method:	Labeled with [U- ¹³ C ₆ , ¹⁵ N ₄]-L-Arginine and [U- ¹³ C ₆ , ¹⁵ N ₂]-L-Lysine
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3
Storage:	Store at -80°C. Avoid repeated freeze-thaw cycles.
Stability:	Stable for 3 months from receipt of products under proper storage and handling conditions.
RefSeq:	NP_003276
RefSeq Size:	4716
RefSeq ORF:	4074
Synonyms:	TN-R
Locus ID:	7143
UniProt ID:	Q92752 , A1L306
Cytogenetics:	1q25.1
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]).