

## Product datasheet for **RR212144**

### Tnc (NM\_053861) Rat Tagged ORF Clone

#### Product data:

**Product Type:** Expression Plasmids  
**Product Name:** Tnc (NM\_053861) Rat Tagged ORF Clone  
**Tag:** Myc-DDK  
**Symbol:** Tnc  
**Vector:** pCMV6-Entry (PS100001)  
**E. coli Selection:** Kanamycin (25 ug/mL)  
**Cell Selection:** Neomycin  
**ORF Nucleotide Sequence:** >RR212144 representing NM\_053861  
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCCCGATCGCC

ATGGGGCCGTGRCCTGGCTATTGCCAGGCATCTTCTAGCTTTGTTGCCCTCACTCCTGAAGGTGGGG  
TCCTCAAGAAAGTCATCAGGCACAAGCGAGAGAGTGGGCTGAACCTGACCTTGCCAGAGGAGAATCAGCC  
AGTGGTGTCAACCATGTCTACAACATCAAGTTGCCCATGGGTTCTCAGTGCTCAGTGGATCTAGAGTCA  
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AGATGTGAAGGAGCTCCTGAGCAGACTGGAGAACTGGAGATGTTGGTATCTTCTCTAAGGGAGCAGTGC  
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CAAAGGTGCCCCAGTGACTGCCATGGCCAAGGCCGCTGTGAGGACGGCCAATGTATCTGCCATGAGGGCT  
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 CAACTCCGAAATCTGGAAGGCAGGCGTAAGCGGGCA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

**Protein Sequence:**

>RR212144 representing NM\_053861  
 Red=Cloning site Green=Tags(s)

MGAVXWLLPGIFLALFALTPEGGLVKKVIRHKRESGLNLTPEENQPVVFNHVNLIKLPMSQCSVDLES  
 TSGEKDLSPTPESSGSFQEHTVDGENQIVFTHRINIPRRACGCAAAPDVKELLSRLEELEMLVSSLREQC  
 TMGTGCCLQPAEGRLLDSRPFCSGRGNFSAEGCGVCEPGWKGPNCSEPECPGNCNLRGQCLDQGCICDQG  
 FTGEDCSQLACPNDQKCVNGVCFEGYAGLDCGLEVCPVPCSEEHGMCVDGRCVCKDGFAGEDCN  
 EPLCFNNCNRRGRCVENECVDEGFTGEDCSELCPNDCFDRGRINGTICYEEGFTGEDCGELTCPNNC  
 QGHGQCEEGQVCNEGFAGADCSEKRCPADCHHHGRCLNGQCECDGFTGADCGELQCPNGCSGHGRVCN  
 GQVCVDEGYTGEDCSQRRCPNDCHNRGHCYQKCICEQGFKGFDCSEMSPNDCHQHGRVCNMGICDDDD  
 YTGEDCDRDRRCPDSCQRGRCDVQGCICEDGFTGSDCAELSCPGDCHGHGRVCNMGICHEGFTGXDKCE  
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 VTEVTEETVXLAWDNEMRVTEYLIMYTPHADGLEMQFRVPGDQTSTTIRELEPGVEYFIRVFAILENKR  
 SIPVSRVATYLPAPGLKFKSIKETSVEVEWDPLDIAFETWEIIFRNMNKEDEGEITKSLRRPETSyrq  
 TGLAPGQEYELSHIVKNNTRGPGLLKVTTRLDAPSQIEVRDITDITWTKPLAEIDSIIDSYGIK  
 DVPGRDRTIDLTLEDNQYSIGNLKPDEYEVSLISRRVDMASNPAKETFITGLDAPRNLRRVSTDNSIT  
 LEWRNVKADIDSRYIKYAPISGGDHAEIDVPKSSQATTKTTLTGLRPGTEYGVGVS AVKGDKEGDPATIN  
 AATEIDAPRDLQVSETTQDSLTLFWKTPLAKFDYRLNLSLPTGQSIEIQLPKDATSHVLTDLPEGQEY  
 VLLTAEKGRHKS KPARVKASTEEVPSLENLTVTEAGWDGLRLNWTADDLAYEYFVIQVQEANKVETAHNF  
 TVLGNLRTADIPGLKAATPYRVSIVGVARGYKTPVLSAETFTGKTPSLGEVTVAE VGDALKNLWTAPEG  
 AYTNNFIQVLEADMTQTQVNLVTPGGLRSVDLPGLKAATRYIITVRGVTQDFSTAPLSVEVLTEEIPQLG  
 GLSVTEVSWDSLTLNWTDDDLAYKHFIIQVQEANNVEAAQNLTVSGSLRVVDIPGLKADTPYRVSIVGVI  
 QGYRTPMLSADVSTAKEPEIGNLNI SDVTPESFNL SWTATDGI FDMFTIEIIDSRLQLTAEHNISGAER  
 TAHISGLPPSTDFIVYLSGIAPSIRTKITSTATTAEPEVDNLLVSDATPDGFCLSWTADEGIFDSFVI  
 RIRDTKKQSEPEITLPSDRTRDITGLREATEYEIELYGISRGRRSQPVSIAIATTAMGSPKEIMFSDIT  
 ENAATVSWRAPTAQVESFRITYVPVTGGPPSMVTVDGTDETRLVRLTPGVEYHVSVIAMKGFEEESPVS  
 GSLITALDGP SGLLTANITDSEALAMWQPAIATVDSYVISYTGERVPEITRTVSGNTVEFELHDLEPATE  
 YTLVSVFAEKGHQKSSIIATKFTTDLSPRELTATEVQSEAFLTWRPPRASVTGYLLVYESVDGTVKEVI  
 VGPDTTYSYSLADLSPSTHYTARIQALSGSLRSKLIQTIFTTIGLLYPPFRDCSQAMLNGDTSGLYTIYI  
 NGDKTQALEVYCDMTSDGGGWIVFLRRKNGREDFYRNWKAYATGFDRREEFWLGLDNL SKITAQQQYEL  
 RVDLQDHGESAYAVYDRFSVGDAKSRYKLVKEGYSGTAGDSMNYHNGRSFSTYDKDTSAITNCALSYKG  
 AFWYKNCHRNVNLMGRYGDNNHSQGVNWFHWKGHEYSIQFAEMKLRPSNFRNLEGRKRA

TRTRPLEQKLI SEEDLAANDILDYKDDDDKV

**Restriction Sites:**

Sgfl-MluI



<b>Components:</b>	The ORF clone is ion-exchange column purified and shipped in a 2D barcoded Matrix tube containing 10ug of transfection-ready, dried plasmid DNA (reconstitute with 100 ul of water).
<b>Reconstitution Method:</b>	<ol style="list-style-type: none"><li>1. Centrifuge at 5,000xg for 5min.</li><li>2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.</li><li>3. Close the tube and incubate for 10 minutes at room temperature.</li><li>4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.</li><li>5. Store the suspended plasmid at -20°C. The DNA is stable for at least one year from date of shipping when stored at -20°C.</li></ol>
<b>RefSeq:</b>	<u><a href="#">NM_053861.1</a></u> , <u><a href="#">NP_446313.1</a></u>
<b>RefSeq Size:</b>	6155 bp
<b>RefSeq ORF:</b>	6060 bp
<b>Locus ID:</b>	116640
<b>Cytogenetics:</b>	5q24
<b>MW:</b>	221.8 kDa
<b>Gene Summary:</b>	extracellular matrix glycoprotein; inhibits the attachment of fibroblasts to adhesive proteins [RGD, Feb 2006]