

Product datasheet for **RN217626**

Tns3 (NM_001170459) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Tns3 (NM_001170459) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Tns3
Synonyms:	RGD1564174; tensin3; TSN3
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>RN217626 representing NM_001170459 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGGAGGACAGCCACGAAGTGGATCTTACCTATGTCACCGAGCGTATTATCGCAGTGTCTTCCCTGCCA
GTTGCTCGGAGGAGTCTACTTGCACAGCCTGCAGGAAGTCACGCGCATGCTCAAGTCTAAGCACGGAGA
CAACTACCTGGTATTAACCTTTTACAGAGAAGAGATACGACCTTACAAAGCTTAATCCAAAGATCATGGAT
GTGGGCTGGCCGAGCTGCACGACCCACCTCTTGACAAGATGTGCACCATATGTAAGCCCAGGAGTCTT
GGCTGAACAGCGACCCCGAGCAGCTGGTGTCTCAGCCAGTGCCGACCGAGGCACTGGACAGGTTTGAATG
CATATCGTCTACATGCACTTCACCAATGTCTCAGCCAGTGCCGACCGAGGCACTGGACAGGTTTGAATG
AAGAAGTTTTATGATGACAAAGTCTCAGCTTTAATGGAGCCCTCCAGAAAGCGGTACGTGCAGTTTCTCA
GTGGGCTGCTGTCCGGAGCCGTGAAGATGAACGCCCTCACCCCTGTTCTGCACTTCGTATCCTGCATGG
CGCCCCAGCTTTGACACTGGAGGAGCTTGCCGGCCCTTTCTGAAGCTCTACCAAGCCATGCAGCCTGTG
TACACATCTGGGATCTACAATGTGGGCTCTGAAAACCCAGCAGGATCCGATTGCCATAGAGCCTGCC
AGCTGCTGAAGGGTGACATCATGGTGAATGCTATCACAAGAAGTTCCGCTCGGCCACCCGCGATGTCAT
TTTCCGCTGCAGTTCCACACGGGAGCTGTGCAGGGCTACGGGCTCTGTTTGGGAAGGAAGAGCTGGAC
AGCGCCTGCAAAGATGACCGTTTTCTGACTATGGCAAGATTGAGCTGGTCTTCTCGGCCACACCTGAGA
AGATTCAAGGATCTGAGCATCTGTACAGTGACCGGGAGTGACCGTGGACTATAACACAGCAGACCCCT
GATTTCATGGGACTCCTACGAGAACATGAGTGCGGATGGAGAAGTGCTACACACACAGGGCCAGTGGAT
GGCAGCCTGTATGCCAAGGTGAGGAAGAAGAGTGCCTCCGATTCTGGCATCCCCAGTAGCCCTCAGGGCA
TGCCAGCCACCGAGTCCAGACCACGGTGACCACCCCTGTCAGTCAGCAGTACTCGGGTCATTCTAC
TGCCTCAGCCAGGACTGATAAGACAGAAGAGCGCCAGACCCAGGAGCACGGAGGGGCTGAGCCCTCAG
GAGAAGGCAGAGTTGGACCAGCTGCTCAGTGGGTTTGGCTGGAAGACTCTGCAAACTCCCAAAAGACA
TGACTGACATGCGCAGCAAGTACAGCGGGACACGCCACGTGGTGCCAGCCAGGTCCACGTGAATGGAGA
TGCTGCCCTAAAGGACCGGGAGACCGACATTCTAGACGATGAGATGCCCCACCATGACCTGCACAGTGTG



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GACAGCCTGGGTACTCTCTCCTCCTCCGAAGGGCCCCAGTCAACCCACCTGGGTCTTTTCGCTGCCTCA
 AGAGCAGCCAGAACTCCCTCCTGTCTGATGGCTTTGGCAATGGTGTGCTGAAGATCACAATGGCGTCT
 TTCTCCAGACCTGGGCCTTGGTGTAGACTCCGTTTATGAGCGGGAGCGGATGTGTGGGGCCGAGAGCAA
 AAGCAGCTGCAGCCCCTGTCGAGGAAGCCCTCTGCACCCACCCGACGCAGGCCTATGGGCAAAGTAACT
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 CTGACGCACAGCAGCTCTGTCTAGTAAAGCACTCCAGCCCCGGTTTCCAGATGACAGAGTCATGAATGG
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 GAGCAACTTAACAGGCTGATCTTGGAGCTGGACCCTACCTTTGAGCCCATCCCCACACACCTCAGTGCCC
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 AAAGTGAAGTACGGCAGTATGACAATGATGCCGGGAGCCAGGTACCTTCTCTAAGTGTGGATGGGAA
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 CACGGCCTATCCCCCTGACCTCGATGTGATCGATGGTAGGATTCAAACAGCAAGGAGTACCTATATGT
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 GCCCTCTGAGCCCCAGCTGAGCATCCAGCCAGTTTACACAAAGGGCGAGAACCACGAGGCTGCACAGA
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 ATGCCTGCAACACCCAACTTCCAGCAGGTGTTCCGGGCATCCTGCACAGTTTCCAGCAACGGCCCCGGCC
 AGAGGAGAGAGAGCCGCCTTCTGCAGAACGCCAGTGGGAGAGAGCAGCCGAAGTCCACCCTCACCT
 ACTGGGGAACAACCGCCCTTCCGAAAGTCCCCTCGGCACCCATGAGTTCTGTAGCTCTGGTAAGAACTCA
 CCAGGGCTGCCCTGCTTCCAGTCTCAGAGTCCAGGCCTCTTCCACAGCCATGAGCTGTCCATGTCAG
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 AAGTGGCCTTCCACCCAGTGAGGATGCTGGCACCTTGTGGTTAATTCCACGGTCCATCACCAGTCCCT
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 CTGGAGCCAGCAGCCACCACAGTCCGGGCTGCAGAACAGGGCATAAGCCTACCCGGGACGCCACCCCT
 CCCGGAGAAGAAGAGAACCTCAGAGGGAGATCGCTCTTTGGGCTCAGTCTCCCTTCATCCAGTGGCTTC
 TCCAGCCCCACAGTGGGAGCACCATGAGCATCCCCTCCCGAATGTCTTCCAGACTTCTGCAAGCCTT
 CAGAAGTGGCCACACCTTTGCCAGATAGCCAAATGATAAACTCGTGATTGTGAAGTTTGTCAAGACAC
 TTCGAAGTTCTGGTACAAGGCAGACATCTCAAGAGAACAAGCCATCGCCATGTTGAAGGACAAAGCTCCT
 GGGTCATTTCATCGTGAGGGACAGTCACTCCTTCCGAGGGGCTACGGCCTGGCCATGAAGGTGGCCACAC
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 GATTGAGTGTACCCAAAGGGAGTGCGGTTGAAAGGGTGCTCGAACGAACCATACTTCGGGAGCCTGACG
 GCTTTGGTGTGCCAGCATTCCATCACTCCCTTGGCTTTGCCCTGCAAGCTGCTCATTCCAGAGAGATC
 CGCTAGAGGAAATAGCAGAAAACCTCCCCAGACAGCAGCAACTCAGCAGCCGAGCTGCTGAAACAAGG
 AGCAGCCTGTAATGTTTGGTACTTAACTCTGTGGAATGGAGTCCCTCACTGGTACCAGGCAGTCCAG
 AAGGCCCTGAACATGACCTTGGTTCAAGAACCTCCTCCAGTGTCTACGGTGGTACACTTCAAGGTGTCAG
 CCCAGGGCATCACCTGACTGACAATCAGAGAAAGCTCTTCTCCGGAGACATTACCCTGTGAGCAGTGT
 GATTTTCTGTGCTTTGGACCCACAAGACAGGAAGTGGATCAAAGATGGCCCTTCTCTAAAGTCTTTGGA
 TTTGTGGCCCGAAACAGGGCAGTGCTACAGATAATGTGTGCCACCTGTTTGCAGAACATGACCCCGAGC
 AGCCTGCCAGTGCCATTGTGAACCTTGTGTCAAAGGTCATGATCGGCTCCCTAAGAAGATCTAA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
 ACCN: NM_001170459
 Insert Size: 4335 bp

OTI Disclaimer:	Our molecular clone sequence data has been matched to the reference identifier above as a point of reference. Note that the complete sequence of our molecular clones may differ from the sequence published for this corresponding reference, e.g., by representing an alternative RNA splicing form or single nucleotide polymorphism (SNP).
OTI Annotation:	Clone contains native stop codon, and expresses the complete ORF without any c-terminal tag.
Components:	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).
Reconstitution Method:	1. Centrifuge at 5,000xg for 5min. 2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA. 3. Close the tube and incubate for 10 minutes at room temperature. 4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom. 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.
RefSeq:	<u>NM_001170459.1, NP_001163930.1</u>
RefSeq Size:	7165 bp
RefSeq ORF:	4335 bp
Locus ID:	360980
Cytogenetics:	14q21