

Product datasheet for MC229676

Tns1 (NM_001289895) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Tns1 (NM_001289895) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Tns1
Synonyms:	1110018I21Rik; 1200014E20Rik; AI648117; E030018G17Rik; E030037J05Rik; Tns
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin
Fully Sequenced ORF:	>MC229676 representing NM_001289895 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCCGCGATCGCC

ATGGGCTGCACCGTGAGCCTGGTGTGCTGCGAGGCGCTCGAGCCTCTGCCCTCTGCGGCCCGAGCCCC
CCGGGACTCCGCCGGGCCCGCGCGGCCCGAGCGCTGTGAGCCCGGGGTGCGGCCCGGACCCGAGGAG
GCGGCTGTGCTTCAGCCAGAAGACCTGGAGGCCCAAGACCCACCCTCAAGGTGAAGCCTTCAAG
AAGGTGAAGCCCTGTGGCATCTGCCGCGAGGCCATCACTCGGGAAGGCTGTGTTTCAAAGTCTGCAGCT
TCTCCTGTATCGAAATGCCAGGCCAAGGTGGCTGCCCTTGCCTTCCCGTCCAGCCATGAAGTGGT
GCCCATCACACAGAGACCGTACCCAAGAATGTAGTAGATGTGGGGGAAGGAGACTGCCGGTGGAAAGT
TCTCCGAAAACCTGGAGGAGGGCGGCTCCATGAGAGTTTCTCCAAGCATACAGCCACAACCACAATCAC
AGCCTACCAGTCTCTTAGAAACACGAGTGTGAGCCGAGCCATGGAAGACAGTTGTGAGCTGGACCTGGT
GTATGTCACCGAACGCATCATCGCCGTGCTTCCCTAGCACAGCCAATGAGGAGAACTCCGCAGCAAC
CTCCGTGAAGTGGCTCAGATGTTGAAGTCCAAGCATGGGGCAACTACCTGCTATTCAACCTCTCTGAAC
AGAGGCTGACATCACCAAGCTGCATGCTAAGTCTGGAATTCGGCTGGCCTGACCTGCACACACCGGC
CCTGGAGAAGATATGCAAGTGTCTGTAAGGCCATGGACACCTGGCTCAATGCAGACCCCAATGTCGTT
GTTCTCCACAACAAGGAAACCGAGGCAGGATTGGGGTGTGATTGCAGCGTATCTGCACTACAGCAACA
TTTCAGCCAGTGTGACCAGGCTCTGGACCGTGTGCAATGAAGAGATTCTATGAGGACAAGATCGTGCC
CATTGGCCAGCCATCCCAGAGGAGATATGTGCACTACTTCAGTGGCTACTCTCTGGCTCCATCAAAATG
AACAAACAGCCTTTGTTTCTGCATCATGTGATCATGCACGGCATCCCAACTTTGAGTCTAAAGGAGGGT
GCCGGCCTTTCTCCGATCTACCAAGCCATGCAACCTGTGTACACATCTGGCATTACAACATCCCTGG
AGACAGCCAGGCCAGCATCTGTATCACCATTGAACCAGGGCTGCTTTGAAGGGAGACATCTTGCTGAAG
TGTTATCATAAGAAATTCGGAGCCCGGCTCGAGACGTATCTTCGGAGTGCAGTTCCACACCTGTGCCA
TCCATGACTTGGGGTGTGTTTTGGGAAGGAAGATCTGGATGAGGCCCTCAAAGATGATCGATTTCTGTA
CTATGGCAAAGTGGAGTTTGTCTTTTCTATGGACCAGAGAAAATTCAGGCATGGAACACCTGGAGAAT
GGGCCAGCGTATCTGTAGACTATAACACTTCTGACCCCTCATCCGCTGGGACTCCTATGACAATTCA



[View online >](#)

GTGGGCATCGTGAGGATGGCATGGAAGAAGTGGTGGGACACACCCAAGGGCCGCTGGATGGGAGCCTGTA
CGCCAAGGTGAAGAAGAAGGATTCCCTGAATGGCAGTTCCGGGCCTGTCTACTACTGCACGGCCTGCCCTG
TCAGCCACTCCCAACCACGTGGAACACACCCTGTCTGTGAGCAGCGACTCTGGCAACTCCACAGCCTCCA
CTAAGACAGACAAGACCGATGAGCCAGTCTCTGGGGCTACCACTGCCCTGTGCCCTGAGTCTCAGGA
GAAGAAAGAGCTGGACCGCTACTAAGTGGCTTTGGTGTGGATAGAGAAAAGCAAGGCGCCATGTACCGG
GCTCAGCAACTCAGATCCCATCCAGCGGGGGCCGACTGTGCCCTCCCTGGCCGCCACATTGTCCCAG
CCCAGGTTACAGTCAATGGTGGGGCCCTGGCATCTGAGCGGGAGACAGACATTCTAGATGATGAGCTGCC
CATCCAGGACGGGACAGAGTGGGGCAGCATGGGAACGCTGTCTCCCTGGATGGGGTACCAACACCCAGT
GAAAGTGGCTACCCAGAGACCCTGTCCCACTGACCAATGGCCTGGACAAAACCTATTCCACAGAACCTG
TGCTCAACGGCGGAGGCTACCCCTATGAGGCTGCCAACCGGGTATTCTGTCCACAGCAGTCACTCGGC
CCCCATTGACCCCTCTACTCTGCTCAGGAGGGTTTAGCTGGCTACCAGCGTGAGGGACCCACCCAGCC
TGGTCACAGCAAGTGACCAGTGGCCACTGTGGCTGTGACCCAGTGGTCTATTAGATCCAGTCCCTTC
CAGATGTGGAGCCCCAGCTGCCCAAGCTCCAACCCGTGGGGTGTAGCCGAGAGGCTGTGCAGAGGGG
TCTGAATTCATGGCAACAGCAGCAGCCCCACCCACCTCCCGCCAGCAGGAGAGATCCCACTGCAGAGT
CTTGCCCCGACGAAGCCTAGCCCCAGCTGTGACGAGAGACCCCGTAGCTGCTCTCCAGAGTTCCCAA
GGGCAGCGTCCCAGCAGGAGATCGAGCAGTCCATCGAAAACCTCAATATGTTGATGCTGGACCTGGAGCC
AGCCTCCGCAGCTGCCCTCTTCCATAAGTCCCAGAGTGTCCCTGGGGCCTGGCCAGGGGCTTCTCCACTC
TCTTCCAGCCCTCTTGGGGTCTTCCCGCCAGTCCCACCCACTTACCCAGTCCCGATCTGGCTATATCC
CCAGTGGGCATTCTCTGGGAACCCCGGAGCTGGTCTCTTCTGGCAGGCCTTATTCACCTTACGATTATCA
GCTGCATCCAGCTGGATCCAACCAGAGTTTCCATCCAAAAAGTCCAGCCTTCTCCACCTTCTTCCAAGC
CCTCATAGCTCTCGGGGCTCAGGAGCCCCAGCCTCTCTCCCTGGTCTCATCGCTCAGCCCCAGCTCC
CACCAAAGGAACTACATCAGATCCCTCCCGAAGTCCAGAGGAAGAGCCGCTGAACCTGGAAGGGTGGT
AGCCCCATCGGGTAGCAGGGGTTAGGCTCGGGAGAGGCAGCCTGCAGAGCCCCAGGCCACTCCGGAGG
CGGGCAGCCAGTATGGACAGTATGAAAACAGTCTCCGGAGGCCACATCCCCCGTAGTCTGGGGTCC
GCTCCCCCGTCCAGTGCCTCTCCCTGAGCTGGCTTACCATTGCCCTCAATCTGGAGGGCGCCCCAA
AGAGCCTCATTTGCATAGCTACAAGGAGGCCTTTGAGGAGATGGAGGGGACCTCCCAAGCAGCCCGCCA
CACAGTGTGGCGCGCTCTCTCCAGGTCTGGCCAAGACACCCCTGTCTGCTCTGGGCTGAAACCCACA
ACCCAGCAGACATCTTGTGCACCCACAGGTGAGCCCCGGAGCTATGTGGAGTCCGTGGCGAGGACAGC
GGTGGCAGGGCCTCGAGCTCAGGACGTTGAGCCTAAGAGCTTCAGCGCACCAGTGTCTCACGCTATGGG
CACGAGACACCCCTGAGGAACGGGACCCAGGGGGCTCCTTTGTCTCCCCGAGCCCCCTCTCCACAAGCA
GCCCATCCTCAGTGTGACAGCACTTCCGTGGGCAGTTCCCATCAGTGGTGTGAGCAGTACCAGGGTCC
CCGGACACCCCTCCAGCCTATGCTGGACTCCAGCATCCGCTCAGGCAGCTTGGGGCAGCCGAGCCCTGCA
GCACTGAGTTATCAGAGCTCCTCGCTGTCCCTGTTGGTGGCAGCAGCTACAACAGCCCTGACTACTCCC
TCCAACCATTCAGCTCTTCTCCAGAAAGCCAAGGCCAGCCACAGTACAGTGCAGCCAGTGTCCACATGGT
ACCTGGGAGCCCTCAGGCACGACACAGGACAGTGGGTACCAACACTCCACCTAGCCCTGGTTTTGGCCGG
CGGGCCGTCACCCACCATGGCTGCCCTGGTAGTCCCAGTTTGGCCATCGGCAGGTGATGGTCCAT
CTGGTCCAGGTTTCCATGGTAACGTGGTTTCTGGCCACCCAGCCAGTGCAGCTACCACTCCTGGAAGCCC
CAGCCTGGGCCGGCACCCAGTGGGAAGCCATCAAGTCCAGGCCCTCCACAGCAGTGTGGTCAACACTCCG
GGAAGCCCAAGCCTGGGCCGACACCCCTGGTGCCCAAGGGAATCTGGCCTCCAGTCTCCACAGCAATG
CAGTCATCAGCCCTGGGAGCCCAAGCTTGGGCCGGCACCTGGGTGGGTCTGGATCCGTGGTTCTTGGAAG
CCCCAGCTTGGACCGCATGCAGCTTATGGTGGTACTCTACCCCTGAGGACCGAAGACCAACACTGTCC
CGGCAAAGCAGTGCCTCTGGCTACCAGGCCCATCCACACCGTATTCCCTGTCTCTCTGCTACTACTACC
CTGGCCTGAGCAGCCCTGCCACCTACCCTCGCCAGACTCAGCAGCCTTCCGGCAGGGGAGCCCCACACC
AGCCTTACCAGAGAAGCGAAGAATGTCAGTGGGAGACCGGGCAGGCAGCCTCCCCAACTATGCCACCATC
AATGGGAAAGTGTCTTCTCGCCTGTGCAATGGCATGGCCAGTGGGAGCAGCACCCTCCTTCTCTC
ACACGCTTCCGGACTTTCTAAGTATTCGATGCCAGACAATAGTCCGGAGACTCGGGCTAAAGTGAAGTT
TGTCAGGACACTTCAAGTATTGGTACAAGCCTGAGATCTCCAGAGAACAGGCCATCGCACTCCTAAAG
GACCAGGAGCCAGGAGCCTTATCATCCGGGACAGCCACTCCTTCCGAGGGGCTTATGGGCTGGCCATGA
AGGTGTCTCACCCCTCCAACCATCACTCAGCAGGGCAAGAAAGGAGACATGACCCATGAGCTGGTGTGAG
GCACTTTCTGATCGAGACAGGCCCTAGAGGAGTGAAGCTCAAGGGTTGTCCCAATGAGCCAACTTTGGT
TCCCTTTCTGCCCTGGTCTATCAGCACTCCGTCATCCCACTGGCCCTGCCCTGTAAGTGGTCAATCCAA
GCCGAGACCCACAGATGAATCAAAGATAGCTCAGGCCCTGCCAACTCAACCACTGACCTGTGAAGCA

AGGAGCAGCTTGAATGTGCTCTTCGTCAACTCTGTGGATATGGAGTCACTCACCGGGCCACAGGCCATT
 TCCAAAGCCACATCTGAGACTCTGGCTGCCGACCCACACCGGCTGCCACCATTGTTCACTTCAAGGTCT
 CTGCCAAGGAATCACACTGACTGACAATCAAAGAAAGCTCTTCTTTAGAAGACTACCCCTCAACAC
 TGTACCTTCTGTGACCTGGATCCACAAGAAAGAAAGTGGATGAAGACAGAGGGAGGGCCCTGCTAAG
 CTCTTTGGCTTCGTGGCCCGAAGCAGGGCAGCACACAGACAACGCTTGCCACCTCTTCGCAGAGCTTG
 ACCCAACCAGCCTGCGTCTGCCATCGTCAACTTCGTCTCCAAGGTCATGCTGAGTCTGGCCAGAAGAG
 ATGA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** Sgfl-Mlul
- ACCN:** NM_001289895
- Insert Size:** 5604 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:** [NM_001289895.1](#), [NP_001276824.1](#)
- RefSeq Size:** 9905 bp
- RefSeq ORF:** 5604 bp
- Locus ID:** 21961
- Cytogenetics:** 1 38.17 cM