

Product datasheet for **MC220558**

Tns4 (NM_172564) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Tns4 (NM_172564) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Tns4
Synonyms:	9930017A07Rik; AA589547; AU016405; Cten
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >MC220558 representing NM_172564
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGTCCAGCTCTCTGCTGGCTGGAGGTCACATGGTCAGCTTACTCCCTGTGAGGAATCCAGGATGGCCC
 TGCACCCAACCCCGAGCCCTGGCCTCCCAGCCCTGTGTCCTTACTACACCACAGAGAGCTGGGGAACCCA
 GCCTCTGATGGCCCCACACTCCGCAAAGGCAGCTCCGACAGGCTCCAGCAGGCCAGCAGGCTGAAGCC
 AGAGCTCACTGCCTCCTCAGGGCCCTGGGAGCAGGCCCTCAGGGCCCTCGCAGGATCTGGAATCTTGCA
 TTGACTTCTCCCTGGAGGCCCTCAACCAGATGATCCTAGAGATCGACCCTACTTTCCAGTTGCTTCCCTC
 TGGGACTGCTGGTCCCAGGCTGAGTCTACCAACAGTATCATGTCAAGGAACAAGAAGGAGGAACCCGAA
 GCCTTAGATAAAAGTACATCGAAGTGACCTCCACCAGATCAAGATACCTTGACGGTCCCCAACGCTGCT
 CCAGCCCGTGTGCCACCCACCATTGGCTCCCGCGCAGTGGCAGCCTTCTCTCCAGGACATCCC
 CCGAGAGACCCGACGAGCAGCAACGAGAGCCTCATCTTCTGGAACAGGGCAGGGTCCCTCTCCT
 CTACCCCTTCTTCCCTTAGCAATGCCATCCCTTGCCGAGAAAGCAGGACTCCGGCTCTCCACTGGCAA
 CTCTCCAGGCTGGGAGAAAGGGCTCAGGGCCCCACAGCGGGGCAGCAGGGTCTCTATACTGTCAGCCAG
 CCCTGTATCGGATGTCAGCTATGTTTGGAAAGCAATCAGTCCCTCCCCACTCAAGCCTCTCCAGCTAT
 CCGTCACTTCTAGATCCTTGGGAAGTCCAGCCAGCTCATCTCCAGCCTCCACAGCCTGGACCGAGGGT
 CTCAGTGTGGGAGACCTAGTGTGCCAGGCTCCTAGTAACCCCACTAGGGCATGGGCCAGCCCCAAGC
 AGTGCAGTCTACTCCAGTGGCTAAGGAGCAGGCTAGTAGCTGCCCCGATCTGTCACTCAACTCCATGGCG
 GACATACCCATAGTGTCTCATCAATGGGAGCCCAGAACCACAGTCTCCCCAGCCAGCGGACACCAGGAC
 ACCAGGACTCTGTCCAGTCTAGGGTTACATCTCCAGCCACCTCTGTCAAGCCATTAAGAGCCCCAGCAA
 GACTCTGCCAGATGTTCCCTCTCCCTGCATCTCCAGATGGTCTGCAAGGACATGCAGCCACCATGAAG
 TTCGTGATGGACACATCAAAGTATTGGTTAAGCCAAGCATCACTCGAGAGCAAGCAATCAATCTCCTGA
 GGACGGAGAAGCCGGTGCCTTTGTCTCAGGGACAGTTCCTCCTACAGAGGCTCCTTGGCCTTGCCTT
 GAAGGTACAGGAGACTTCCGCATCTGCTCAAACCGACCAGGCGAGGACAGCAGTGACCTTATCCGTAC
 TTCCTGATTGAGTCTTGGCCAAAGGAGTACATCTGAAAGGAGCAGATGAGGAGCCCTACTTTGGGAGCC
 TCTTCTCCTCGTGTGCCAGCACTCCATTATGGCCCTGGCCCTGCCCTGCAAACCTACCATCCCACAGAA
 AGAACTGGGAGGTGCAGAGCCAGCATCGGACTCCCCACACACGGCCAGACCTCCTGCCTGAAGATATCA
 GCCGGTTGCCACACTGTACCTGAGTTCTGTGAGTGTGGAGACCCTGAGCGGAGCCCTGGCTGTGCAGA
 AGGCTATCTCAGTCACCTTGGAGAGGGATGTCTCCCCACACCCACTGTGTCCTTCAAAGTCACTGA
 ACAGGGCATTACTCTGACAGACGTCAAAGGAAGGTGTTCTTCCGACGGCACTACCCACTCAGCGCCCTC
 CGCTTCTGTGGAATGGACCCGAGCAACGGAAGTGGCAGAAGTACTGCAAGCCTTCCAGGATCTTTGGGT
 TTGTGGCCAAGAGCCAGACAGAACCACAAGAGAACGTGTGCCACCTCTTCGACAGTACGATGCGGTCCA
 GCCAGTCTCCAGGTCATCAGCCTAGTACTGCTCTGCTTCAGGACACAGAAAGGAT**GTAG**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: Sgfl-MluI

ACCN: NM_172564

Insert Size: 2091 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).

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:	<ol style="list-style-type: none">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_172564.3</u> , <u>NP_766152.2</u>
RefSeq Size:	4755 bp
RefSeq ORF:	2091 bp
Locus ID:	217169
UniProt ID:	<u>Q8BZ33</u>
Cytogenetics:	11 D
Gene Summary:	May be involved in cell migration, cartilage development and in linking signal transduction pathways to the cytoskeleton May promote apoptosis, via its cleavage by caspase-3. Cytoplasm, cytoskeleton.[UniProtKB/Swiss-Prot Function]