

Product datasheet for MC203507

Trnp1 (NM_001081156) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Trnp1 (NM_001081156) Mouse Untagged Clone
Tag: Tag Free
Symbol: Trnp1
Synonyms: 2300002D11Rik; Trnp
Mammalian Cell Selection: Neomycin
Vector: PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection: Kanamycin (25 ug/mL)
Fully Sequenced ORF: >BC049168

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ATCTCTCCTCCCCACGCACCCGACAACCCTGGGCCGCCGGGGGGGATGCCGGGCTGCCGAATCAGC
GCCTGCGGCCAGGGGCCAGGAAGGGACGGCAGAACCGGGTGCCTCCCGCCACCCGGGAGCCCC
TGCCGTCCCTCCAGCCCCCTCCCATCGCCGACCTCGACTCCGACCCCACTAAGTCACCGCCCTTACC
CGAGGCGGCCGAGACACCCGTGGAAGGGCAGGAGCTGCAGCGCTGGCGCCAGGGTCTAGTGGGGGTCT
GGGGGCGCGGGCCGGCGGGGATCGCGGGCGGGGGAGGGGGCCGTGCGCTGGAGCTGGCCG
AAGCGCGCGCGACTGCTAGAAGTGGAGGGCCCGCGCCCTGGTGTGGAGCTGGAGACCGGGTGT
GCAGCTGCACCGAGTCTTCTGGCTGCGGAGCTGCGCCTGGCGCATCGCGCCGAGAGCCTGAGCCGCTG
AGCGGGCGCGTGGCCAGGCCGAGCTCTACCTGGCTGCGCACGGGTCCCCTCAAGAAGGGTGCAGCC
GCGGTGCGCGGGTCTCCCCGGCGCTGCTGGCGTCCGCGCTCGGCCTGGGAGCTGCGTGCCCTGGG
CGCAGGGCGGCTACGGCGCGGCCAGGGCCGGAGCCGACTCGCCCTCCGCCGAGCCCGCCCGCGGC
CCCGCCTCCCCCAGCGCTGACCTCAGTACCCCGACCCCTGGCTTCCCGAGGCAGGCGAGTCTCCAGT
GCGGGAGGACAGACGGACGGACGGATCCAGGTGCTGGCCAGATGGACGGCGTCATCTACGCGGAGGAGTC
AGCTGGGGGTCCATGGGGGGCCCTGAAAGTGACACTAAGCTCCTCAGAGGCTCCACTCTATGGGTGGA
CTGACTTCTGCATTCCGCACCTTCTCTGGATACCCCGCTTCAGGAAGACTTCCAGGACTGACGGTACCC
AGTCTCGGCGCCCTCCTCCAGGAGCCCTACAGTGGCAAGGGTCTGGGTCTGGAACTTGCTCCACTC
TGCATTGCTTCCATACACTGTATTTGCCTTTGCTGATACAGAGGCCGAGATGCTCTCAGATTAGCCGA
GACCGCAGCAAACATTGCCAGTGTGACTGAGAGAAGAATTTCTTAAAGATAGACTCCTCATTCTGAC
ACGTACGGAGTCCCTGTATCACAAGTACAGTGTAGCTGCCATCGTCCCTTCTATGTCCAGC
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TGTCTCCCCCTGTGAGTGAGGACATGCTGTAGCCCTTGCAGACAATCAGTGTGCTGCTCCTAGGGG
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TTGATGTATCCTGATAGAGGGAAGGAGGCACATTTACTCCACACCGCCAGAACATATAGGCTTCTCTA
AAGTGGCTGTATAGGACTCAGTCCCAACTATATACACGCAAGAAGAATAAATCGAAATAACGAGAAAA
AAAAAAAAAAAAAAAAAAAA
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Restriction Sites: RsrII-NotI



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ACCN:	NM_001081156
Insert Size:	672 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:	BC049168 , AAH49168
RefSeq Size:	1629 bp
RefSeq ORF:	672 bp
Locus ID:	69539
UniProt ID:	Q80Z11
Cytogenetics:	4 D2.3
Gene Summary:	DNA-binding factor that regulates the expression of a subset of genes and plays a key role in tangential, radial, and lateral expansion of the brain neocortex. Regulates neural stem cells proliferation and the production of intermediate neural progenitors and basal radial glial cells affecting the process of cerebral cortex gyrification. May control the proliferation rate of cells by regulating their progression through key cell-cycle transition points.[UniProtKB/Swiss-Prot Function]