

Product datasheet for MC215721

T (NM_009309) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: T (NM_009309) Mouse Untagged Clone
Tag: Tag Free
Symbol: T
Synonyms: Bra; cou; D17Mit170; Low; Lr; me75; T1; Tl2; Tl3
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
Fully Sequenced ORF: >MC215721 representing NM_009309
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCCGCGATCGCC

ATGAGCTCGCCGGGCACAGAGAGCGCAGGGAAGAGCCTGCAGTACCGAGTGGACCACCTGCTCAGCGCCG
 TGGAGAGCGAGCTGCAGGCGGGCAGCGAGAAGGGAGACCCACCGAACCGGAAGTGGAGTGGCCCTGGA
 GGAGAGCGAGCTGTGGCTGCGCTTCAAGGAGCTAACTAACGAGATGATTGTGACCAAGAACGGCAGGAGG
 ATGTTCCCGGTGCTGAAGGTAATGTGTAGGCTGGACCCCAATGCCATGTACTCTTCTTCTGCTGGACT
 TCGTGACGGCTGACAACCACCGCTGAAATATGTGAACGGGGAGTGGGTACCTGGGGGCAAAACCAGAGCC
 TCAGGCGCCAGCTGCGTCTACATCCACCAGACTCGCCCAATTTGGGGCCCACTGGATGAAGGCGCCT
 GTGTCTTTCAGCAAAGTCAAACCTACCAACAAGCTCAATGGAGGGGGACAGATCATGTTAAACTCCTTGC
 ATAAGTATGAACCTCGGATTCACATCGTGAGAGTTGGGGCCCGCAACGCATGATCACCAGCCACTGCTT
 TCCCGAGACCCAGTTCATAGCTGTGACTGCCTACCAGAATGAGGAGATTACAGCCCTTAAATTAATAC
 AACCCATTTGCTAAAGCCTTCTTGATGCCAAAGAAAGAAACGACCAAAAGATGTAATGGAGGAACCCGG
 GGGACTGCCAGCAGCCGGGGTATTCCCAATGGGGTGGCTTGTTCCTGGTCTGGCACCTCTGCCCGCC
 TGCCAGCTCCCACCCCTAGTTTGGAGGCTCGCTCTCTCCCCTCCACACACGGCTGTGAGAGTACCCA
 GCTCTAAGGAACCACCGTTCATCGCCCTACCCAGCCCTATGCTCATCGGAACAGCTCTCCAACCTATG
 CGGACAATTCATCTGCTTGTCTGTCCATGCTGCAGTCCCATGATAACTGGTCTAGCCTCGGAGTGCCTGG
 CCACACCAGCATGCTGCCTGTGAGTCATAACGCCAGCCACCTACTGGCTCTAGCCAGTATCCCAGTCTC
 TGGTCTGTGAGCAATGGTACCATCACCCAGGCTCCCAGACAGCTGGGGTGTCCAACGGGCTGGGAGCTC
 AGTTCTTCGAGGCTCCCCTGCACATTACACCACTGACGCACACGGTCTCAGCTGCCACGTCCTCGTC
 TTCTGGTTCTCCGATGTATGAAGGGCTGCTACAGTCACAGACATTTCTGACAGCCAGTATGACACGGCC
 CAAAGCCTCCTCATAGCCTCGTGGACACCTGTGCACCCCATCTATGTGA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA



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Restriction Sites:	Sgfl-Mlul
ACCN:	NM_009309
Insert Size:	1311 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:	NM_009309.2 , NP_033335.1
RefSeq Size:	2046 bp
RefSeq ORF:	1311 bp
Locus ID:	20997
UniProt ID:	P20293
Cytogenetics:	17 4.92 cM
Gene Summary:	Involved in the transcriptional regulation of genes required for mesoderm formation and differentiation (PubMed:7588606). Binds to a palindromic site (called T site) and activates gene transcription when bound to such a site (PubMed:8344258, PubMed:7588606). [UniProtKB/Swiss-Prot Function]