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Product datasheet for MC224224

Ttc41 (NM_001003910) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Ttc41 (NM_001003910) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Ttc41
Synonyms:	AI449705; AU041509; Gnn
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin
Fully Sequenced ORF:	>MC224224 representing NM_001003910 Red=Cloning site Blue=ORF Orange=Stop codon TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC GCCGCGATCGCC ATGAGCGACGAGGCAAGTGAGACCGGACAAAGATACAACGGTCAACCCATTTTAAAGCGCCAGAAACCCA TCCTACCTTACATATGTTCCACTCTAGATTTTCAAGAAGAGAGAGACTTTTTGGCCAAAAGCATCTTCCC TCGGCTTAATGACATCTGCAGCTCCCGGGGCACCTACTTCAAAGCTGTGGACTTGAGATGGTCAGCTGTG AAGGCCCATAAGTCCTTCACCAGCAACCAGTTCCGACAGTACTCCTGTCTCCAGTCTCAACACCTGAAAC TCTCCCTGGACTACGTGAACAGATGCTTCCCGTTTTTCATCGGCCTGCTGGGGCAGACCTACGGAGATTT CCTCCCCGACTACACACCTTTCCTGTTATCCCAAGTGAAGGACTTCGAAAGTTTATCCAAGGGAGAACAG AATCTATACATTGCTGCCAAAAATGGTTACCCTTGGGTTCTCAAGACTCCCAACTGCAGCCTGACAGAGT TCGAGATCATCCAAGCAGTATTCCGGAAGAAATCTCAATTTCAATTTTTCTACTTCCGGACATCAAATTC GCTGCTGCGAACTTTTAATGAGGAAGAGGAGGAGGAAGAGGAGAAGCTGTCCTCAGCATATCTGTTGAAC GAACAGGGGAAGATGAAGGTTGGAAAGCTCAAGGCTAAGATCATTGGCAAAGGGCTTCCTGTCAGATTCT ACAGAGACCTGGAGGAACTGGGGGATATGGTTTGGAAGGACTGGTCGGCTGTTGTGGAAAAGCTCTATCC ATTCACTACGATCATGGGAAATATAGACTACAAACACAGTTTCGAGAATTTGTATCATGAAGAGTTTGTG GAGAACTGCAAGCAAGTTTTTGTTACTTCCAAGGAGTCAAACAGAACCTTTGAAATATTGGAAAGATTTG CTATAAAAGATCTTGATCTTGATCTTGATACTGACAGTACTATAGCAGGTTCGGGGTTAGACTCCATTCT CAGAATCAATTCCCTTCCAACTTGTAAGTCCATTTTGCTCTTGTCTGGGGAACGCGGCTGTGGGAAGTCC ACACTGATTGCCAACTGGGTCAGTAATTTCCAAAGCAAACACCCCGGAGTGCTGATGATCCCATACTTTG TGGGCAGTACGTGTGAGAGCTGTGACATCATGTCTGTGATCCACTACTTCGTCATGGAGCTTCAGCACAG AGCCAACGGTCCCCGGCTTGAAATGGATTTCCTTAACGAGGACTCAAATGTCTTGGTCTTTTCACTTCTC GTAGAAGTGTTCATAGCCGCCATAAGCTTAAAGCCATGCATCCTGGTACTAGACGGGATCGAAGAGCTGA TCGGTATCTATGGGATTTCAGGTCAGAAGGCGAAAGATTTCTCCTGGCTGCCGCGCTCCCTGCCTCCTCA CTGTAAATTCATTCTGAGCAGCGTCTCCTCCAGTCTGTCCTGCAAGTCGCTGTGTGCCCGCCCTGACGTG AAGATCGTGGAACTCAACAGCATCGGGGACGAAGACACCAAGTTCAACATCTTCAGACAGCACCTCTCCC

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CTGCCGACCAAGAACGCTTCGGGCAGAGCAAGCCCATTTTGAGGAAGAAACCAAACCTGAGCCCTCTGAA
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TCCACACTCCTCAGTACTGCTTCACTCCTCAGAAGCCAGGCTTCCCAAGAAGATCTCAGATTGAATCAAA
ATTGCTGAAGACCTCAGATGACCCCAATAAGGAATAA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI

ACCN: NM_001003910

Insert Size: 3957 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:
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_001003910.2, NP_001003910.2

RefSeq Size: 4365 bp

RefSeq ORF: 3957 bp

Locus ID: 103220

UniProt ID: Q692V3

Cytogenetics: 10 43.07 cM