

Product datasheet for **RN202921**

Ttc22 (NM_001106671) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Ttc22 (NM_001106671) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Ttc22
Synonyms:	RGD1561518
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >RN202921 representing NM_001106671
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGACGGAGCCTGAGGCCGAGCTGAGGACCTGGACACACTTCTCGACGAACTGGACTATCTGCCTGGCC
 ACTTCCACTTGGAGATGCAGCTCAACTTCGAGCCGCGCTCACCCGCCAGCTGCGCGCCCGGACCTGAA
 GCTCCAGCGAGAGGGTCTGCGGCAGGAAGTGGAGCTGGTGGCCACCCCGAGCTGCCTGTGTGCGTCA
 CTCTTGGGAGCCTTTTCCTTCTACCTGGAGGAGCTGGGTGATGCCCGGAGCATTTCCTGGAAGTGGCC
 GCAAAGACCTGGCAACCTCAACGCCTGGGCAATCTGGCACAGTCTACGGGAGCTGGCCAGGAGGA
 AGAGGAGAAAGCGTCCGCCGGGCGACTGGCCAGCCTTATGGGCTGGCAGGGGACCCGAGGATGCCGA
 GACCCCGGCTCCGCGCTGCCGCTGCCTGGCGGAGCAGGATATGCACATGGCTTCGACGTGGGCTGTG
 CCAGTCCAGAGGAGCGTCTCAGGTGCTGGAGGGGGCATCGACTCTACGACAAAGCGCTGGGCTACGG
 TCAGCAGATCCCGATAGAAGAGAAAAGGAGCTGGTACTTACCATGGCAACTCTTCATCAGGCTGGAT
 GGCATCTTTCTGGAGATGGGCAGTGGAGGAGCAGAAAGGCTGCCAGCCTTCAACCGGACTCTGACCTGC
 TTGGGGAAGTCTCAAGTCTCAGACTCCCGACACCAAGCTCTGGCCTGGTGTATATTGGCATGCTACT
 GGAGAGGAAAGACACCTTCTCCACCACCCCATGGGTGTCCATGAATGTGGTACTCGGGACCGGAGCCC
 CTGGACTGCTTTGGCAAGGCTATTGAGATCGCCAAGAACCAGCCTCCCATCTGAATCGCCTGGCCAAAA
 TCTTCCACTTCTGGGAAAACAGGATATGGCCATAGGAACCTGCAACATGGCCCTGGCCGTGCTTACAGA
 CCCACAGCTCAACTGGCAGGCGTACTGCACCAGGGCCAAGGTCCGAATCAGAGCCTATGTTTCATGACCTG
 GAACGTGCCAAGGTGGGGCTCGGGGTATGCCTGACAGGAACACCTGGCCTGTGCCAAAGCTGACCTTG
 AGAAGTGGTCAAGGTGTCCCAGGCCTCAGGACCTACCTAGATATCAGTCAGTTTACTATTACATGGG
 CGTGGATGCCATGCGGGAGCTGCTGGCAGTGGATGAGGCTGCACTCAACCGGCTCTGGTCTTCTGGCG
 AAGGCTGGTGAAGTGGAGCTAGGCAACACGCTACCCGAGCTGCAACTGTTGCGTGGCAAATGCTTACGAG
 TCCAGGGTGAAGACGCCAACGCTGCGACCTGCTTCAAGCGTGCAGTAGAACTGGATGACGAGGGATCCAG
 CCATACTGAGGGCTTCGGCTGCCTGCTCGAGGCACTGCTTGCAGTGGAGCCAGGCGCAGCTTAGCGAT
 GACGAGGTGGGGTGCAGGTGGACATCTGGCTGCGACATGCCAGAGCAAATATCCGGCAGCACGCCTGC
 GCCAAGAGCTGCAGCGTGTGTGGCTGGCCACACAGAAGATGCTCCTGGGCTGGCTCGGGCCTTAGTAGG
 TCAGGGACGCCAGCATTGGTGGGCTGCTCTTGAGACCATGGAGCATGAGGGTGAAGGACGCTGGAGTG
 CCATGCAAAGTCGAGCATCTCT**GATGA**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI

ACCN: NM_001106671

Insert Size: 1707 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_001106671.1](#), [NP_001100141.1](#)

RefSeq Size: 2553 bp

RefSeq ORF: 1707 bp

Locus ID: 298300

Cytogenetics: 5q34