

Product datasheet for **RN212167**

Ttc7b (NM_001108719) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Ttc7b (NM_001108719) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Ttc7b
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >RN212167 representing NM_001108719
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGC**

ATGACAATAGCCAGGCAATTGGCAGAAATCTTGTTACGGGCGATGTGTGAGCAGAGCTACTGGAACCTC
 TGGAGGAGCCTCCCTGCCAGTCACCTCTAGATGATCCTCTCCGAAAGGAGCAAACACTAAACCTACAC
 ACTCCCTCGCAGAGCCCGCTCTACTCAGGAGAGAACATTTTTTGTCTCAAGAAAACTGAAGAGGCA
 CTGCTGTTGCTGCTCATTAGTGAATCTATGGCCAAACGAGATGCTGTGCTGAGCAGGATTCTGAACACA
 AGAGTGACCGCTCATCAGTCTGCAGAGCGCATCTGTGGTCTATGATTTACTGACCATTGCTCTTGGGAG
 AAGAGGCCAGTATGAGATGCTGTGAGAGTCTTAGAAAGAGCCATGAAGTTTGCCTTTGAGGAGTTCCAC
 CTCTGGTACCAATTTGCTCTGTCGCTGATGGTGCCGAAAGTCTGCCGTGCTGTGAAGGTGCTAAAGG
 AATGTATCCGGCTAAAGCCAGATGATGCCACCATCCCGCTCTGGCAGCCAAGCTGTGTGTGGGTCCCT
 TCACTGGTTGGAAGAGGCTGAGAAGTTTGCCAAAATGTTGTTGATGTGGGAGAGAAAACGTGCAATTC
 AAGGCCAAAGGCTACCTAGCTCTGGGGCTCACATATAGTCTGCAAGCCACTGATGCTTCTTTGCGAGGGA
 TGCAGGAGGTCTGCAGAGGAAGGCACTTCTTGCACTTCAAGGGCCACAGCCTGTACCTACAGACCA
 CCAAGCGGCTTTTACCTGGCTCTGCAGCTCGCCATCTCCAGACAGATACCAGAAGCTCTCGGATACGTT
 CGCCAAGCTCTTCAACTCCAGGGTGTGACGCCAACTCCCTGCACCTCCTCGCTCTCTGCTGTACAGCC
 AGAAGCATCACCATGACGCTCTCAACATCATCGACATGGCCCTGAGCGAGTACCCAGAAAATTTTACT
 GCTGTTTTCCAAAGTGAAGCTGGAGTCGCTCTGCCGGGGCCGGATGAGGCACTGCTCACCTGTAAGCAC
 ATGTTACAGATATGGAATCCTGCTACAACCTTACCAATCCAGTGACTCTGGACGTGGGAGCAGCCTCT
 TAGATGAACCATCGCTGACAGACGACAGCTTAACACAATCACTTGCCAGACTTCAGCGATCTGAGAC
 AGGCTCCGTCCATGCCACGTCACTAGCAGCCTCAAGAGTGGAGCAAGCACTGTCAGAAGTGGCCTCGTCT
 CTGCAGAGCAGTGTCCCAAGCAGGGGCCACTGCACCCCTGGATGACGCTGGCACAGATCTGGTCCATG
 CAGCTGAGGTTTACATTGGCATTGGAACCTGCTGAAGCTACGGCCTGTACCCAGGAAGCTGCCAACCT
 CTTCCCAATGTCCACAATGTCTATATATGCGGGGCCAGGTTGCTGAGCTTCGAGGAACTTTGATGAG
 GCTCGGCGGTGTACGAAGAAGCCTTGTCATCAGCCCTACCCATGTGAAGAGCATGCAGCGACTGGCC
 TGGTCTTACCAGCTGGGCGCTACAGTCTCGCTGAGAAGATTCTCCGGGATGCAGTGCAGGTGAATTC
 CACAGCCCATGAGGTCTGGAACGGGCTGGGTGAGGTCTCCAAGCTCAGGGCAACGATGCCGCGACTACT
 GAGTGCTTCTGACAGCCTTGAGCTGGAGGCCAGCAGCCTGCCGTGCCCTTACCGTCATCCCCGTG
 TGCT**CTGA**

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI

ACCN: NM_001108719

Insert Size: 1758 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_001108719.2, NP_001102189.1

RefSeq Size: 2630 bp

RefSeq ORF: 1758 bp

Locus ID: 362768

Cytogenetics: 6q32