

## Product datasheet for MC225022

### Tnrc6c (NM\_198022) Mouse Untagged Clone

#### Product data:

**Product Type:** Expression Plasmids  
**Product Name:** Tnrc6c (NM\_198022) Mouse Untagged Clone  
**Tag:** Tag Free  
**Symbol:** Tnrc6c  
**Synonyms:** 9930033H14Rik; mKIAA1582  
**Vector:** pCMV6-Entry (PS100001)  
**E. coli Selection:** Kanamycin (25 ug/mL)  
**Cell Selection:** Neomycin  
**Fully Sequenced ORF:** >MC225022 representing NM\_198022  
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCCGCGATCGCC

ATGGAAGAAAAGAAAAGAAAAGCAGGAAGACAAGAAAAGAAGGAAGGTGCTCAGAAAAGGCTGCTG  
 ATCAAAAACCAAAGTGCCAGAACTTACTAAGACCTGTTCAGCCAGCCCAACCTGCCGGTACCAGTCC  
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 GACGGAATCTGCCTCAGAATGCCTACCGACACTGACTCTGCCTCCAACGTGGCTCAGAGAACAGTAGC  
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CAGGGCCTGGCATCCTTGCTGGGGAAGGGCAGTGGCACCAATGGCATTGGTAATATCCATTCAGGAGC  
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 AGGCCAGCCTCTCACACGCAAGCCTCTGTCTCATGAGCTGTGGAAGGTACCCAGAAACACTACTGCA  
 CCCACCAGGCCGCTCCAGGCTTAGCCAATCCCAAGCCTTCTCCACCTGGGGCACCAGCCCCCTCGGCT  
 GGACCAGTCTACTCCTCGGGTCTGCATGGAGCACTGACACCTCAGGAAGAACAAGCAGCTGGTCTGT

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TCTGCGCAATCTCACACCCAGATCGATGGTTCTACACTTCGGACGCTGTGTCTGCAGCATGGACCTCTC
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AGGCCAGAAAGTCTCTGCACATGTGTGTACTGGGAAACACCACCATCTTGGCTGAGTTTGCCGGGAAGA
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ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA
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<b>Restriction Sites:</b>	Sgfl-MluI
<b>ACCN:</b>	NM_198022
<b>Insert Size:</b>	5703 bp
<b>OTI Disclaimer:</b>	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).
<b>Components:</b>	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).
<b>Reconstitution Method:</b>	<ol style="list-style-type: none"><li>1. Centrifuge at 5,000xg for 5min.</li><li>2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.</li><li>3. Close the tube and incubate for 10 minutes at room temperature.</li><li>4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.</li><li>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.</li></ol>
<b>RefSeq:</b>	<a href="#">NM_198022.2</a> , <a href="#">NP_932139.2</a>
<b>RefSeq Size:</b>	8740 bp
<b>RefSeq ORF:</b>	5703 bp
<b>Locus ID:</b>	217351
<b>UniProt ID:</b>	<a href="#">Q3UHC0</a>
<b>Cytogenetics:</b>	11 E2
<b>Gene Summary:</b>	Plays a role in RNA-mediated gene silencing by micro-RNAs (miRNAs). Required for miRNA-dependent translational repression of complementary mRNAs by argonaute family proteins. As scaffolding protein associates with argonaute proteins bound to partially complementary mRNAs and simultaneously can recruit CCR4-NOT and PAN deadenylase complexes (By similarity).[UniProtKB/Swiss-Prot Function]