

Product datasheet for **SC308841**

TNRC6C (NM_018996) Human Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: TNRC6C (NM_018996) Human Untagged Clone
Tag: Tag Free
Symbol: TNRC6C
Vector: pCMV6 series
Fully Sequenced ORF: >NCBI ORF sequence for NM_018996, the custom clone sequence may differ by one or more nucleotides

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ATGGCTACAGGGAGTGCCCAAGGGCAACTTCACTGGACATACCAAGAAGACAAATGGCAAT
AATGGCACCAATGGCGCACTCGTCCAAAGCCCTTCTAATCAGAGTGCCCTTGGAGCAGGG
GGAGCGAACAGTAATGGAAGTGC GGCCAGAGTGTGGGGTGTAGCCACAGGCTCCAGCTCT
GGCCTGGCTCACTGCTCTGTCA GTGGTGGGGATGGAAAAATGGACACTATGATTGGAGAT
GGGAGAAGTCAGAATTGCTGGGGTGCTTCCAACCCAATGCTGGCATTAACTTAACTT
AATCCTAATGCCAACCCAGCTGCCTGGCCTGTACTTGGACATGAAGGAACCGTGGCGACA
GGCAACCCTTCCAGTATTTGCA GTCCAGTCCAGTCCAGTCCATAGTCAAATATGGGCAACCAG
AACGGGAACCCAAACAGGCACTTTAGGTGCTTGGGGAAACTTGTGCCACAAGAGAGCACA
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CAGACAAATGGACTGCCAAACTGGGGCATGGCTGTTGGTATGGGGCCATCATCCCGCC
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GCTGACAGTAATAGGTCAGGGTCTGGTTGGAATGACACCACGAGATCTGGGAACAGTGGC
 TGGGGCAACAGCACAAATACAAAGGCCAATCCAGGTACAACTGGGGGAGACTTTAAAA
 CCTGGCCCCAACAGAAGTGGGCTAGCAAACCCCAAGACAACAATGTGAGTAACTGGGGA
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 AACACCACCATCCAGGATGTCAACCGCTACCTCCTCAAGAGTGGAGGTAACTGTGACAG
 ATCAAATCGACGTGGTCTCTGGCCCTACCTCCCACACGCAAGCCTCTCTGTCTCATGAA
 CTATGGAAGGTGCCAGAAACAGTACTGCACCCACGAGGCCACCTCCAGGGTTAACCAAT
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CCGCCCAGCGCCGACGACAGCAGGGTGATAGGCAGCCCCACGCCGCTAACCCACCTGCTG
CCTGGGGACCTGCTCAGCGGGGAGTCCCTGTAG

Restriction Sites:	Please inquire
ACCN:	NM_018996
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).
OTI Annotation:	This TrueClone is provided through our Custom Cloning Process that includes sub-cloning into OriGene's pCMV6 vector and full sequencing to provide a non-variant match to the expected reference without frameshifts, and is delivered as lyophilized plasmid DNA.
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_018996.2 , NP_061869.2
RefSeq Size:	5318 bp
RefSeq ORF:	5073 bp
Locus ID:	57690
UniProt ID:	Q9HCJ0
Cytogenetics:	17q25.3
Protein Families:	Druggable Genome
Gene Summary:	<p>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. [UniProtKB/Swiss-Prot Function]</p> <p>Transcript Variant: This variant (2) uses an alternate in-frame splice site in the 5' coding region and lacks an alternate in-frame exon in the 3' coding region, compared to variant 1. The resulting isoform (2) has the same N- and C-termini but lacks a 3 amino acid segment near the N-terminus and a 39 amino acid segment near the C-terminus, compared to isoform 1.</p>