

Product datasheet for **SC113852**

TTC38 (NM_017931) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	TTC38 (NM_017931) Human Untagged Clone
Tag:	Tag Free
Symbol:	TTC38
Synonyms:	LL22NC03-5H6.5
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)



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Fully Sequenced ORF: >OriGene ORF within SC113852 sequence for NM_017931 edited (data generated by NextGen Sequencing)

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ATGGCCGACGCTCGCCTCTGCGCGACTGCCAGGCCTGGAAGGATGCGAGGCTCCCGCTC
TCCACCACAAGCAACGAAGCCTGCAAGCTGTTTCGATGCCACGCTGACCCAGTATGTAATA
TGGACCAATGACAAGAGTCTCGGTGGCATCGAGGGCTGCCTGTCAAAGCTCAAAGCAGCA
GATCCAACCTTTGTGATGGGCCACGCCATGGCTACTGGCCTTGTGCTGATTGGCACTGGA
AGCTCCGTGAAGCTGGACAAAGAGCTGGACCTGGCTGTGAAGACAATGGTGGAGATTTCA
AGAACCAGCCGCTGACAAGGCGGGAGCAGCTGCACGTGTCTGCAGTAGAGACATTTGCC
AATGGGAACCTTTCCGAAAAGCCTGTGAACTATGGGAACAGATTCTCCAGGACCACCCGACA
GACATGTTGGCCCTGAAATTTTCCCATGATGCTTATTTTTACCTGGGCTATCAGGAACAG
ATGAGAGATTCTGTTGCTCGAATTTACCCCTTCTGGACACCTGACATCCCCCTAAGCAGC
TATGTGAAAGGCATCTACTCTTTTGGCTTGTGAAACCAACTTCTACGACCAGGCAGAA
AAACTCGCAAAGAGGCTTTATCTATTAACCCGACAGACGCATGGTCGGTGCACACCGTC
GCTCACATCCACGAGATGAAAGCAGAGATCAAGGATGGGTTGGAATTCATGCAGCACTCA
GAGACCCTCTGGAAGGACTCTGATATGTTGGCTTGTCACTAATTTGGCACTGGGCTTTA
TATCTGATTGAGAAGGGCGAATATGAGGCGCGCTGACCATCTACGATACCCACATCCTT
CCCAGCCTGCAGGCCAACGATGCAATGCTGGACGTGGTGGACAGCTGCTCCATGCTCTAC
CGCCTGCAGATGGAAGGAGTGTCTGTGGGCCAGCGGTGGCAGGATGTCCTGCCTGTGGCC
CGGAAGCACAGCCGAGACCACATCCTGTGTTCAATGACGCACACTTCTGATGGCATCC
CTGGGTGCACACGACCCCGAGACCACACAGGAGCTGTGACCACCTGCGGGACGCCAGC
GAATCCCAGGGGAGAAGTCCAGCACCTCCTGGCCCCGAGACGTGGGGCTGCCCTGTGC
CAGGCCCTGGTGGAGGCTGAGGACGGGAACCCTGACCCGCTCCTGGAGCTGCTCCTGCC
ATCCGCTACCCGATCGTCCAGCTCGGTGGGAGCAATGCCAGAGAGACGTCTTCAACCAG
CTGCTGATTCACGCGGCCTTAAACTGCACCTCCAGCGTCCATAAGAACGTAGCCCGGAGC
CTTCTGATGGAGCGTGATGCCTTGAAGCCAACTCGCCCTGACCGAGCGGCTCATCCGC
AAGGCAGCTACCGTCCACCTCATGCAGTA
    
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Clone variation with respect to NM_017931.2

5' Read Nucleotide Sequence: >OriGene 5' read for NM_017931 unedited

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CATATTTTGTAAATACGACTCACTATAGGGCGGCCGAAATTCGCACGAGGCAACATGGC
CGCAGCCTCGCCTCTGCGCGACTGCCAGGCCTGGAAGGATGCGAGGCTCCCGCTCTCCAC
CACAAGCAACGAAGCCTGCAAGCTGTTTCGATGCCACGCTGACCCAGTATGTAATAATGGAC
CAATGACAAGAGTCTCGGTGGCATCGAGGGCTGCCTGTCAAAGCTCAAAGCAGCAGATCC
AACCTTTGTGATGGGCCACGCCATGGCTACTGGCCTTGTGCTGATTGGCACTGGAAGCTC
CGTGAAGCTGGACAAAGAGCTGGACCTGGCTGTGAAGACAATGGTGGAGATTTCAAGAAC
CCAGCCGCTGACAAGGCGGGAGCAGCTGCACGTGTCTGCAGTAGAGACATTTGCCAATGG
GAACTTTCCGAAAAGCCTGTGAACTATGGGAACAGATTCTCCAGGACCACCCGACAGACAT
GTTGGCCCTGAAATTTTCCCATGATGCTTATTTTTACCTGGGCTATCAGGAACAGATGAG
AGATTCTGTTGCTCGAATTTACCCCTTCTGGACACCTGACATCCCCCTAAGCAGCTATGT
GAAAGGCATCTACTCTTTTGGCTTGTGAAACCAACTTCTACGACCAGGCAGAAAACT
CGCCAAAGAGGCTTTATCTATTAACCCGACAGACGCATGGTCGGTGCACACCGTCGCTCA
CATCCACGAGATGAAAGCAGAGATCAAGGATGGGTTGGAATTCATGCAGCACTCAGAGAC
CCTCTGGAAGGACTCTNGATATGTGCTTGTCACTAATTTGGCACTGGGCTTTATATCT
GATTGAGAAGGGCGAATATGANGCCGCGCTGACCATTTACGATACCACATCCTTTCCANC
TGTCAGCCACGATGCATGCNTGNACGTGTGACAACTGCTCATGCTCTACGNCTGN
    
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3' Read Nucleotide Sequence:	>OriGene 3' read for NM_017931 unedited TTGNAGCAAAGTGTGGGGNACTCAATAGATTTGNGAGCCTCCTCTCCCTTCTGAGAGCCT GCCTGCTTCTGCCCTGATGAATCCCTACTTTTCAGTACAACTGAGGAACTTGAAAAACA TCTGTGCACTGGGACCGCCCTCACAGGAGGGCTGAAAGCAGCACAGCTGAGTCAGCGGC ACATTCAGCAGGCGTTTCAGTGGGAAGCAGGAGACAGAGGCGCGCTCACAGGACCCGCT CCAGGCTTGTACAGCCACACATCACAGCACTTTGGGTTTTGCCACAACAGAGCAGCTCT GAGCTCAATCCTTGCACCTCAGAAGTGCATTTATGATTAATAATCATGCTCGACATGAAGC CCTGTTATGATGTGCAGTTTAAAAAGAGAAACGGGTCCAAATCAGCACCAACAGAGCCCC CCAGGGGGCTCCAAGACTCGCCCCAGAGACAGCAGAAGGACCCCATGTGCGCGCTGATCT GTAAGAAGGGTGGTGGATGCAGCAGCAGGGGGCCTGCGTCCAAGGCAGCAGGTGGGGGC CTCTCATAGTGTGACCCTGGGCAGGCCACTCCCCTACCCCGGTACCCT
Restriction Sites:	NotI-NotI
ACCN:	NM_017931
Insert Size:	2700 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:	<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:	<u>NM_017931.1</u> , <u>NP_060401.1</u>
RefSeq Size:	2594 bp
RefSeq ORF:	1011 bp
Locus ID:	55020
UniProt ID:	<u>Q5R3I4</u>
Cytogenetics:	22q13.31