

Product datasheet for **SC115402**

TTC33 (NM_012382) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	TTC33 (NM_012382) Human Untagged Clone
Tag:	Tag Free
Symbol:	TTC33
Synonyms:	OSRF
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	>OriGene ORF within SC115402 sequence for NM_012382 edited (data generated by NextGen Sequencing)

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ATGGCTTCCTTTGGGTGGAAGAGGAAAATTGGTGAGAAGGTCTCAAAGGTCACCTCCCAG
CAGTTTGAAGCTGAAGCTGCTGATGAGAAGGATGTAGTTGACAACGATGAAGGGAAGTGG
CTTCATGCCATTAACCGTAGGAAAGAAATTCCTTCTTGAAGGCTGTGCTGAGAAAAGTAAA
CAGCTGAAGGATGAAGGAGCCAGTTTGGCTGAAAATAAAAGATATCGGGAGGCAATTCAG
AAGTGGGATGAAGCACTACAGTTAACTCCAAATGATGCTACCCTATACGAGATGAAATCA
CAGGTGCTAATGTCTCTTCATGAAATGTTCCAGCAGTACATGCAGCAGAAATGGCCGTC
CAGCAAAATCCACATTCATGGGAGTCTTGGCAGACTTTGGGACGTGCTCAACTTGGTTTA
GGAGAGATAATCCTGGCAATTCGAAGTTTTCAAGTAGCCCTTCACATCTATCCAATGAAC
CCTGAAATATGGAAAGAAGACCTCTCTTGGCAAGAACGCTCCAGGAGCAGCAGAAGGTA
GCACAGAGGATTAATAAAGTGAAGCACCAGCTGAAGTAACACACTTTTCACCAAAGTCA
ATTCCAGACTATGACTTTGAAAGTGATGAGATTGTTGCTGTTTGTGCAGCTATTGCTGAG
AAAGAGAAGACAGTTTCAGCAAATAAAACAATGGTTATTGTGTCTGCTTCTGGGGCCATA
GAGACTGTAAGTAAAAGGAGGATGGTGCTACACCACCAGATGGCTCTGTTTTTATCAA
GCCCGATGA

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Clone variation with respect to NM_012382.2



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5' Read Nucleotide Sequence:

>OriGene 5' read for NM_012382 unedited
 NGGTGCGCTTTTGTATACGACTCACTATAGGCGGCCGGAATTCGCACGAGGCTGAGTCG
 TCTTTCCTTTGCCGCTTCTGTGGACTGTTGCAACGCCAGGGGTGGGCCAAACCCGTTT
 CTTAGGAAACCAGGAATCCAGGGAAGGCAGAATGGCTTCTTTGGGTGGAAGAGGAAAAAT
 TGGTGAGAAGGTCTCAAAGGTCCTTCCAGCAGTTTGAAGCTGAAGCTGCTGATGAGAA
 GGATGTAGTTGACAACGATGAAGGGAAGTGGCTTCATGCCATTAACGTAGGAAAGAAAT
 TCTTCTTGAAGGCTGTGCTGAGAAAAGTAAACAGCTGAAGGATGAAGGAGCCAGTTTGGC
 TAAAAATAAAAGATATCGGGAGGCAATTCAGAAGTGGGATGAAGCACTACAGTTAACTCC
 AAATGATGCTACCCTATACGAGATGAAATCACAGGTGCTAATGTCTTTCATGAAATGTT
 CCCAGCAGTACATGCAGCAGAAAATGGCCGTCCAGCAAAAATCCACATTCATGGGAGTCTTG
 GCAGACTTTGGGACGTGCTCAACTTGGTTTAGGAGAGATAATCCTGGCAATTCGAAGTTT
 TCAAGTAGCCCTTACATCTATCCAATGAACCCTGAAATATGGAAAAGAAGACCTCTCTTG
 NGCAAGAACGCTCCAGGAGCAGCAGAAGGTAGCACAGAGGATTAAGAAAAGTGAAGCACC
 AGCTGAAGTAACACACTTTTACCAAAGTCAATCCAGACTATGACTTTGAAAGTATGAG
 GATTGTTGCTGTTTGTGCAGCTATTGCTGAGAAAAGAGAGACAGTTTCAGCANATAACAT
 GGTATTGTGCTGCTTCTGGGGCCATAGAGACCTGTACTGNAAAAGGAGGATGGTGTAC
 ACCACCAGATGGNCTCTGTTTTATCANAGCCGATGAAGCATATGC

3' Read Nucleotide Sequence:

>OriGene 3' read for NM_012382 unedited
 NNTTTGACTTGNACCCGCGCAATCTAGATCGAGTTTTTTTTTTTTTTTTTTTTTTTTTTT
 CAGAAAAAACTATTTATTCACAAATTACAAAAAACAAACATCCATTACTCAAAACAA
 TATACCAAATGTTGAGTACTCACTTCTCTAGATACCTATTTACGTTTTGAGAATGTTCTT
 TATTAACAAAAATAAATAATTAACATATTTTTGGAGCACTCTGAAACTAACCTCTCTA
 ACCAGAGCTAATTTCTGATGATATAACTTAAGGAAAGAATATTCTTTCAAGGCAAGTG
 CTAATTTCTCAACCCTGAAAAGAGATATGCATTCCAATAAAAACAAAAGTTTTAAAAACC
 ATCTTCATAAAAAATGTAGATCATTACTTATAAGCTCCAACAGTAGTAAGATCTTTAAACA
 TAAAGTGGGCTACTTTTCTCTAACAAGATAAAATTAATACACCAATAGTATCTTCTCT
 GAGTGTGAGAAGTAACAGAACCCAAACAGTTCTATATTATTGTAACAATATATAGTATA
 AAAATAATAGTTCAGATTAGCAATGACAGTATTGGTTTGTGAATATGACTGTGGACTTTT
 AATAAAATTTTTTAATATAGCCTTTTCATACTCATGAGATTGACTATAAATCACATT
 CCAATTTCTATGATTTTTGTGCTTAAAGTATTATTCATTGGCACTCTAATAACAGCCCTA
 CTTTTTATTTTTAGAAAAGATTTAATTAGCTATTTAAAAATGGTATTATTTTTTCATTTCA
 CTGAGTAGTTTTAAAAAAGTTATCTAGAAAAGTAATCCAGTCCCTCAAATGGAAAAGACAC
 CAGCAAGAGTAAGTTGGTTTCAGGGTTTTAAAGCTTGTAAAATAAGAAAAGAAGATTGG
 TTTTGACGGAATATTANCCNTCCATTGTCATTAACTTTT

Restriction Sites:

ECoRI-NOT

ACCN:

NM_012382

Insert Size:

2580 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_012382.1](#), [NP_036514.1](#)

RefSeq Size: 2550 bp

RefSeq ORF: 789 bp

Locus ID: 23548

UniProt ID: [Q6PID6](#)

Cytogenetics: 5p13.1

Domains: TPR