

Product datasheet for **SC318935**

TTC22 (NM_001114108) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	TTC22 (NM_001114108) Human Untagged Clone
Tag:	Tag Free
Symbol:	TTC22
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >SC318935 representing NM_001114108.
 Blue=Insert sequence Red=Cloning site Green=Tag(s)

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GCTCGTTTAGTGAACCGTCAGAATTTTGTAAACGACTCACTATAGGGCGGCCGGGAATTCGTGACTG
GATCCGGTACCGAGGAGATCTGCCGCCCGGATCGCC
ATGGCGGAGCTGGAGGCTGTGGCCGACGATCTAGACGCCCTCATCGACGACCTGGACTACCTCCCGGGC
CACTTTACCTGGAGATGCAGTTGAACTTCGAGCCGCGCTCGCCGGCCCCACAGCGCGCCCGGGACCTG
AAGCTGCAGCGGGAGGGTCTGCGGCAGGAGCTCCAGCTGGCGGCCGCCCGCAGCGCCCCGCTGTGCGT
CACCTCCTGGGCGCTTTCGATTCTACCTGGAGGAGCTGGACGAGGCCCGCGAGTCTTCTCGAGGTG
GCCACGAGCACCCGGGCAACCTCAATGCCTGGGCAATCTGGCACACGTGTACGGGCGGCTGGGCCAG
GAAGAAGAGGAGGAGGCGTGCGCCGACGGCTGGCCGACCTCATGGGCTGGCAGAGGAGCCGAGGCC
GCCGGGGACCCAGCTCCGCGCCGCTCGCTGCCTGGCCGAGCAGGGCTACGCGCATGGCTTCGACGTC
GGCTGCGCCAGCCAGAGGAGCGTGCGCCGGGGCTGGCGCAGGCATCGCGCTCTACGACAAGGCGCTA
GGCTACGGGCAGCAGATCCGATGGAGGAGAAAAGGGGCTGGTATTTACCATGGCAACTCTACATC
AGGCTAGATGGCATCTTCTGGAGCTGGCGAGTGAGGAGCAGAAGAGACTGCCTGCCTTCAACCGCAGC
CTGGCCCTACTCCGGCAAGTGTGAAGTCCGAGGACCCCGCCACCGAGCCCTGGCTGGTGTACCTC
GGGATGTGTGGAGCGGAAGGACACTTCTCCACCACCCCATGGGCGTCCATGACTGCGGGTACTCA
GGGACCGACCCTTAGACTGCTTCGGCAAGGCCATTGAGATTGCCAAGAACAACCTCCCATCCTGAAT
CGCCTGGCAAAAATCTTCTACTTCTGGGAAAGCAGGATATGGCCATTGGAACCTGCAACATGGCCCTG
GATGTCTACGAGATCCAGAGCTCAACTGGCAGGCGTACTGCACAAGGGCCAAGATCCACATCAGAGCC
TACCTGCATGACCTCAAGCGGGCCAAGATGGGTCTCGGGGATGCTGACAGGAACACCTGGCCTGT
GCCAAGGCTGACCTTGGGAAGTGGTCAAGGCTGCGCCAGGCTTCAAGGCGTACCTGGACATCGCCAG
GTCTACTACTATATGGGCTGGACGCGGTGAGGAGCTGCTGGCGGTGGACGAGGCGCGTGAACCAG
CGCTGGTGTTCCTGGCCAAGGCGGGCGAGTCCGAGCTGGGTGCCACGCTGCCCGAGCTGCAGTCTG
CGCGCAAGTGCCTGCGCATCAAGGCGAGGACGCCAACGCGGCCGCTGCTTCAAGCGCCAGTGGAG
CTGGACGACGCGGGCTCCAGCCACACCGACGGCTTCGGCTGCCTGCTCGAGGCGTGTGGCGCAGTGG
AGCCAGGCACAGCTGAGCGACGGGGAGCTGGGCCGCGAGGTGGACGCTGGCTGCGCCGCGCCAGGAC
AAGTACCCCGGGCGCGCTGCGCCAGGAGCTGCAGCGCGTGTGGCGGGGCACACGGACGAGGTGTG
GGGCTGGCCGGGCCCTGGTGGCCAGGGACGGCCGGCGTGGTGGGCTGCTTTCGAGACCATGGAG
CGCGAGGGCGAGGGGCCAGCGCGCCGGGACCGCCGGGCTGTCTATTCTAG
ACGGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGAT
TACAAGGATGACGACGATAAGGTTAAACGGCCGCGC
  
```

- Restriction Sites:** SgfI-MluI
- Plasmid Map:**
- ACCN:** NM_001114108
- Insert Size:** 1710 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).
- 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:

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_001114108.1](#)

RefSeq Size: 1979 bp

RefSeq ORF: 1710 bp

Locus ID: 55001

UniProt ID: [Q5TAA0](#)

Cytogenetics: 1p32.3

MW: 63.4 kDa

Gene Summary: This gene encodes a protein with seven tetratricopeptide (TPR) repeats. Tetratricopeptide repeat containing motifs are found in a variety of proteins and may mediate protein-protein interactions and chaperone activity. Alternatively spliced transcript variants have been found for this gene. [provided by RefSeq, Jun 2011]
Transcript Variant: This variant (1) encodes the longer isoform (1).