

## Product datasheet for **SC304544**

### TTC22 (NM\_017904) Human Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	TTC22 (NM_017904) Human Untagged Clone
Tag:	Tag Free
Symbol:	TTC22
Vector:	<u>pCMV6 series</u>
Fully Sequenced ORF:	>NCBI ORF sequence for NM_017904, the custom clone sequence may differ by one or more nucleotides ATGGCGGAGCTGGAGGCTGTGGCCGACGATCTAGACGCCCTCATCGACGACCTGGACTAC CTCCCGGGCCACTTTCACCTGGAGATGCAGTTGAACTTCGAGCCGCGCTCGCCGGCCCCA CAGCGCGCCCGGACCTGAAGCTGCAGCGGGAGGGTCTGCGGCAGGAGCTCCAGCTGGCG GCCGCCCGCAGCGCCCCGCTGTGCGTCACCTCCTGGCGCTTTCGCATTCTACCTGGAG GAGCTGGACGAGGCCCGGAGTGCTTCTCGAGGTGGCCACGAGCACCCGGGCAACCTC AATGCCTGGGCCAATCTGGCACACGTGTACGGGCGGCTGGGCCAGGAAGAAGAGGAGGAG GCGTGGCGCCGACGGCTGGCCGACCTCATGGCCCTGGCAGAGGAGCCCGAGGCCGCGGG GACCCCCAGCTCCGCGCGCTCGCTGCCTGGCCGAGCAGGGCTACGCGCATGGCTTCGAC GTCGGCTGCGCCAGCCCAGAGGAGCGTGCAGGGGGCTGGCGGCAGGCATCGCGCTCTAC GACAAGGCGCTAGGCTACGGGCAGCAGATCCCGATGGAGGAGAAAAGGGGCTGGTATTTT ACCATGGCAACTCTACATCAGGCTAGATGGCATCTTCTCGAGCTGGGCAAGTGAAGTCC CAGAAGAGACTGCCTGCCTTCAACCGCACGCTGGCCCTACTCCGGCAAGTGTGAAGTCC GAGGACCCCGCCACCGAGCCCTGGCTGGTGTACTCTCGGGATGCTGCTGGAGCGGAAG GACACCTTCTCCACCACCCCATGGCGTCCATGACTGCGGGTACTCAGGGACCGACCT CTAGACTGCTTCGCAAGGCCATTGAGATTGCCAAGAACCAACCTCCCATCCTGAATCGC CTGGCAAAAATCTTACTTCTGGGAAAGCAGGATATGGCCATTGGAACCTGCAACATG GCCCTGGATGTCTACGAGATCCAGAGCTCAACTGGCAGGCGTACTGCACAAGGGCCAAG AGACGAGGTCTACTATGTTGCCAGACTCGTCTCAAACCTCTGGGCTCAAGCAGTCTCT CCACCTCGACCTCCCAAAGTGCTGGAATTCAGGTGTGA
Restriction Sites:	Please inquire
ACCN:	NM_017904
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).



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<b>OTI Annotation:</b>	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.
<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_017904.1</a> , <a href="#">NP_060374.1</a>
<b>RefSeq Size:</b>	2179 bp
<b>RefSeq ORF:</b>	1119 bp
<b>Locus ID:</b>	55001
<b>UniProt ID:</b>	<a href="#">Q5TAA0</a>
<b>Cytogenetics:</b>	1p32.3
<b>Gene Summary:</b>	<p>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]</p> <p>Transcript Variant: This variant (2) differs in the 3' UTR and has multiple coding region differences, compared to variant 1. The resulting protein (isoform 2) has a distinct C-terminus and is shorter than isoform 1.</p>