

## Product datasheet for **SC127256**

### TTC37 (NM\_014639) Human Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	TTC37 (NM_014639) Human Untagged Clone
Tag:	Tag Free
Symbol:	TTC37
Synonyms:	KIAA0372; Ski3; THES
Vector:	<u>pCMV6-XL4</u>
E. coli Selection:	Ampicillin (100 ug/mL)
Cell Selection:	None
Fully Sequenced ORF:	>NCBI ORF sequence for NM_014639, the custom clone sequence may differ by one or more nucleotides

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ATGTCCAGCAAGGAAGTGAAGACTGCTCTAAAAAGTGCTAGAGATGCAATCAGAAACAAGAATACAAAG
AAGCTTTGAAACACTGTAAGACAGTGTTAAAGCAAGAGAAAAATAACTATAATGCCTGGGTTTTTATTGG
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GGAACGGCAAAATGGGCCTGGCTTAGGCCGAGGACTATACTATTTGAAAGCTGGTCAGCATTCTCAAGCAG  
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GTGCTGGTAAACAATGCCAAAACATGAGGATACAAGAGCATTGGAAGTGAATCAGAGATTGCTCTCAC  
AATAA

<b>5' Read Nucleotide Sequence:</b>	>OriGene 5' read for NM_014639 unedited CGCGAATTCGGCACCAGGTTTGTAGAAGAGGAGCATCTGCTCCAGATGGAAAATGGGTAA GGAAACAATCAAATTCAATTCGGGAAGAATATAGAGGTGTAATAATTGGTAAAAGTCTGC AGGGTTTTTTTTAAACAAAGGAACTGGTTTGAGAAAATTGTGAAATCAGCATTGAAATT TGTTACCTACTCCAATCAAGATTTGCAAACTACAAAAAATCATTCTGAAGCTTTCACCT ATAAATATATACCAAGATAATTTTCAGATAAGAATGTCCAGCAAGGAAGTGAAGACTGCTC TAAAAAGTGCTAGAGATGCAATCAGAAACAAGAATACAAGAAGCTTTGAAACACTGTA AGACAGTGTTAAAGCAAGAGAAAAATAACTATAATGCCTGGGTTTTTATTGGCGTTGCTG CAGCTGAACTAGAACCACTGATCAGGCCAGAGTGCCTATAAAAAAGCTGCTGAATTAG AGCCAGACCAATTACTAGCTTGGCAGGGTTAGCAAAGCTTGTATGAGAAATATAATCACA TAAATGCTAAGGATGACTTGCCTGGTGTACCAAAAGCTCCTGGATCTTTATGAGAGTG TTGACAAGCAGAAGTGGTGTGATGTCTGCAAGAAGCTTGTGGATCTATATTACCAAGAAAG AAACCCTANAGGTGGCTCGAACATGGCACAAGTTGATAAAACACGGCAGGAACAAGGTG CANAAATG
<b>Restriction Sites:</b>	NotI-NotI
<b>ACCN:</b>	NM_014639
<b>Insert Size:</b>	4700 bp
<b>OTI Disclaimer:</b>	Due to the inherent nature of this plasmid, standard methods to replicate additional amounts of DNA in E. coli are highly likely to result in mutations and/or rearrangements. Therefore, OriGene does not guarantee the capability to replicate this plasmid DNA. Additional amounts of DNA can be purchased from OriGene with batch-specific, full-sequence verification at a reduced cost. Please contact our customer care team at <a href="mailto:custsupport@origene.com">custsupport@origene.com</a> or by calling 301.340.3188 option 3 for pricing and delivery.  The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. <a href="#">More info</a>
<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_014639.2</a> , <a href="#">NP_055454.1</a>
<b>RefSeq Size:</b>	5167 bp
<b>RefSeq ORF:</b>	4695 bp
<b>Locus ID:</b>	9652

UniProt ID: [Q6PGP7](#)

Cytogenetics: 5q15

Domains: TPR

Protein Pathways: RNA degradation

**Gene Summary:** This gene encodes a protein with twenty tetratricopeptide (TPR) repeats. Tetratricopeptide repeat containing motifs are found in a variety of proteins and may mediate protein-protein interactions and chaperone activity. Mutations in this gene are associated with trichohepatoenteric syndrome. [provided by RefSeq, Jul 2010]