

Product datasheet for **RC208932**

TTC37 (NM_014639) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	TTC37 (NM_014639) Human Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	TTC37
Synonyms:	KIAA0372; Ski3; THES
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
ORF Nucleotide Sequence:	>RC208932 representing NM_014639 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGTCCAGCAAGGAAGTGAAGACTGCTCTAAAAAGTGCTAGAGATGCAATCAGAAACAAGAATACAAAG
AAGCTTTGAAACACTGTAAGACAGTGTTAAAGCAAGAGAAAAATAACTATAATGCCTGGGTTTTTATTGG
CGTTGCTGCAGCTGAAC TAGAACACCTGATCAGGCCAGAGTGCCTATAAAAAAGCTGCTGAATTAGAG
CCAGACCAATTACTAGCTTGGCAGGGGTAGCAAACCTGTATGAGAAATATAATCACATAAATGCTAAGG
ATGACTTGCTGGTGTTTACCAAAGCTCCTGGATCTTTATGAGAGTGTGACAAGCAGAAGTGGTGTGA
TGTCTGCAAGAACTTGTGGATCTATATTACCAAGAAAAGAAACACCTAGAGGTGGCTCGAACATGGCAC
AAGTTGATAAAAAACCGGCAGGAACAAGGTGCAGAAAAAGAGCTTCACTCAACTATGGAGAAAATTGA
CTCAGTTCCTGGCTGAAAGTACAGAGGACCAGAATAATGAAACTCAGCAATTGCTTTTTACTGCTTTTGA
GAATGCACTGGGATTATCAGATAAGATTCCTAGTGAAGATCACCAAGTACTTTATAGGCATTTTCATTGAG
AGTTTATCCAAATTTCTCATGAGTCTGCTAGATTGAAGAAGGCCTGTGAAGGAATGATAAAACATCTATC
CTACTGTACAGTATCCATTAGAAGTCTTTGTTGCAATTAATGAATCAGGAAATCTTACTGATGAGGG
GCAGCAGTATTGTTGATAGATTAGTGAAGTGGATTCAAAAAGTGGTCCAGGCCTCATTGGCTTAGGCATT
AAAGCATTACAAGACAAAAGTATGAAGTGTGTTAGGAACCTAACAGAAGGTTAAAGGAAAGCCCTG
TCTGCACAAGTGGATGGTATCATCTGGCAGAAGCCCAAGTCAAAATGCATAGACCTAAAGAAGCTGTTCT
TTCATGCAGTCAAGCTCTGAAGATCGTAGATAATCTTGGTGCCTGGTAAACAGTCTTTATCAGAGGAAT
CTTTGTCTTCATTTGAAAGCAGAGGCTTTGATTAACCTCTCAGATTATGACTCTTCAGAGGAAGCAATTC
GTACGCTTGATCAGATTCTGATGCAGATAATATCCAGGACTTTTGGTTCTCAAAGCTTGGCCTATCG
GAACAAAGGTTTCATTTGATGAAGCTGCAAAGATTATGGAAGACCTTCTCTCTTACCCTGACCTAGCT
GAAGTTCATGCCCTTGGGCTTTGATTCATTTACCAAAAAGGACTATCTACAAGCAGAAAAATGTTTTTC
AGAGAGCTCTTGAGAAAGATACCGAAGTGCAGAAATATCATTACCAACTGGATTAACATACTGGTTCAT
GGGTGAAGAGACAAGAAAAGATAAAACAAGGCTCTTACCCTTTCTGAAGGCTGCAAGACTGGATACA



[View online »](#)

TATATGGGCAAAGTTTTCTGCTATTTAGGTCATTATTATAGAGACGTAGTGGGAGATAAAAAACAGAGCTC
 GTGGATGTTATAGGAAAGCCTTTGAATTAGATGACACTGATGCTGAATCTGGAGCTGCAGCAGTTGACCT
 AAGTGTGGAGCTTGAAGATATGGAAATGGCTTTAGCTATCCTAACACAGTAACCTAAAAGGCAAGTGCT
 GGAACGGCAAATGGGCCTGGCTTAGGCGAGGACTATACTATTTGAAAGCTGGTCAGCATTCTCAAGCAG
 TGGCTGATTTACAGGCAGCATTAAAGAGCAGACCCAAAGGACTTCAATTGTTGGGAATCGTTAGGAGAAGC
 ATACTTAAGCAGAGGAGGCTACACAACAGCCTTGAAGTCCTTCAAAAAGCCAGTGAGCTGAACCCAGAA
 TCCATATACAGTGTGTTAAGGTTGCAGCAATACAGCAAATCTAGGCAAATATAAGGAGCCTGTAGCTC
 AATACCAGATGATCATTAAAAAGAAAGAAGATTATGTGCCTGCTTTAAAAGGTTTGGGTGAATGCCATCT
 TATGATGGCAAAGCAGCTCTAGTTGATTATCTTGATGAAAAAGCCGTAGACTACATAGAAAAAGCACTG
 GAATATTTTACTTGTGCTCTACAGCATCGAGCTGATGTGTCTGCCTCTGGAAGCTAGCTGGGGATGCTT
 GTACCTGTCTGTATGCTGTGCGACCATCTAAAGTGAATGTTTATGTTTTAGGAGTCTTCTAGGTCAGAA
 AGAAGGAAAAACAAGTATTAAGAAAAATGAGCTCTCCACCTTGGAGGAAGGTGTTATGGTCGTGCATTA
 AAAGTGTGCTACATCTAATACATGGTGTGACCTTGAATTAATTATTATCGCCAAGCACAACTCTAG
 CAGAAACAGGCAGCAACATGAATGATCTTAAGGAGTGTCTGGAGAAATCTTACATTGTCTGAAAAAGC
 AGTGAGACTCGACAGTAATAACTACTTATACTGGAATGCTCTTGGTGTGGTTGCATGTTACAGTGGTATT
 GGAAATATGCCCTTGTCTCAGCACTGTTTCATCAAATCAATCCAGTCAGAACAAATTAATGCTGTTGCAT
 GGACCACTTGGGAGTGTATACCTCACAAATGAAAACATTGAGCAAGCTCATGAGGCTTTCAAAATGGC
 TCAATCCCTTGATCCATCTTATTAATGTGCTGGATTGGACAAGCTCTTATTGCTGAGGCAGTTGGAAGT
 TATGACACCATGGATCTCTTCAGGCACACTACAGAATAAATATGCATACTGAAGGAGCATTAGGTTATG
 CGTATTGGGTCTGCACAACATTGCAAGATAAAAGCAACAGAGAAACAGAGCTGTACCAGTACAACATCCT
 CCAGATGAATGCTATCCAGCAGCACAAGTATTTTGAATAAATATGTAGAAAGAATTGAGAATATGCC
 CCAGCTTTCACAATGTTGGTACTTAAACGAACATCTACAAGTAAAAAGGAAAGCAGCAAAATGCATACC
 AAAGGGCAATTTGTTGTTACAGACTGCAGAAGCAAGATACTACAATGTTGCAATAAGAAATACGG
 CAGATTGTTATGTTCCACTGGTGAATATGATAAAGCTATCCAGGCTTTTAAAGTCAACACCCCTTGAAGT
 TTAGAAGACATCATAGGTTTTGCATTGGCTTTATTCATGAAGGGCTTTATAAAGAGAGCAGCAAAGCCT
 ATGAGAGAGCCTTGTCTATTGTTGAATCGGAGCAAGACAAAGCCCATATCTTGACAGCTCTGGCAATAAC
 TGAATATAAAACAAGGAAAAACGGATGTAGCCAAGACATTGCTATTTAAATGCTCTATCTTAAAGGAACCA
 ACCACAGAAAGCCTTCAAGCCCTGTGTGCTCTAGGTTGGCAATGCAGGATGCTACACTGTCAAAGCAG
 CACTTAATGAGTTACTGAAGCACATCAAACACAAAGACAGTAATTATCAGAGGTGCCTTCTTACATCAGC
 GATTTATGCACTCCAAGGCCGAGTGTGGCTGTGCAAAAAAAAATCTAAAGCTGTTACAGCAACCCCT
 GGTGACCTGCTCTTTGGTCTCTGTTGTCTCGAGTTGTTGCACAGTATGCTCAACGAAATGCAAAGGGAG
 GTGTTGTAGCAGGAAATGTGGCTCATATCTGGACTCAAATCATGGAAAGAGGCATTACTGTACACTGC
 GGTAAATCAGTTGGCTATGGGAAGCAGTTCAGCAGAAGATGAAAAAAATACTGCACTAAAGACCATTGAG
 AAGGCAGCTCTCCTTTCTCCAGGTGATCCTGCTATCTGGGCTGGGCTAATGGCAGCCTGTACGCTGATG
 ATAAACTGGCCTTAGTGAACAACACTCAGCCAAAGAGGATAGATTTATACTTGGCACTGTTATCTGCTGT
 TTCTGCTTCAATTAAGACGAAAAATCTTTGAAAATTACAACCAAGTCCCTTGAAGAGTGGTCTCTCTCA
 CAAGCTGCACTGGTCTAATAGACACAGGAAGAATATCTGAAGCTGAACTCTCTGCACAAAAGAAATTTAA
 AAAGTAACCCGTGATCAGCCAGCCGTTATCTTACTTTTGGACAAGTTCAGTGTAAACCACTCCTGGAGTC
 ACAAAAGCCACTCCAGATGCTGTACTTGAAGAACTACAAAAACAGTCAATGTCCAACCTCAACCTGTT
 CCAGCTTGGCAGTGGCTGGCACATGTGTATCAATCCCAAGGAATGATGAGAGCTGCAGAGATGTGTTACA
 GAAAGAGTCTACAATTGGCATCCCAACGGGCGAGTTGGAGTGGGAAGCTCTCAAGTCTGTTGAGACTAGC
 ACTACTTGCAATTAAGTCTGTATGGTAAACATTTCCAATGATCACTGGCCATCTTTGGTTCAAGAGGCT
 ACAACTGAGGCCTTGAAGCTTTGCTTTTGTCCACTGGCTGTTCTTTTACAAGCTTTGTTACAATTCAAAC
 GCAAAAATGGGGCAAGAGAGACACGGCGTCTTTTGGAAAGAGTGGTATATCAGCCTGGGTATCCCAAATC
 TATTGCATCAACTGCACGTTGGTACCTACTGAGACACTTATATGCCAAAGATGACTATGAGCTTATTGAC
 GTGCTGGTAAACAATGCCAAAACCTATGGAGATACAAGAGCATTGGAAGTGAATCAGAGATTGCCTCAC
 AA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence: >RC208932 representing NM_014639
 Red=Cloning site Green=Tags(s)

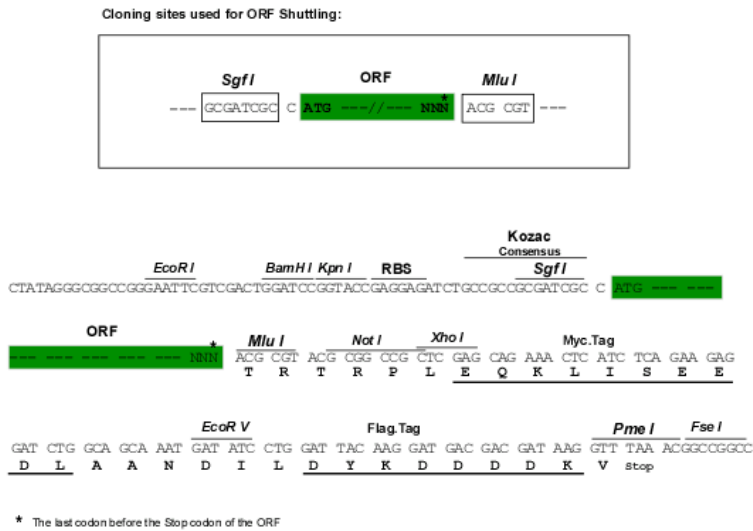
MSSKEVKTALKSARDAIRNKEYKEALKHCKTVLKQEKNYNNAWVFIGVAAAELEQPDQAQSAYKKAEELE
 PDQLLAWQGLANLYEKYNHINAKDDLPGVYQKLLDLYESVDKQKWCDCVCKKLDLYYQEKKHLEVARTWH
 KLIKTRQEQGAENEELHQLWRKLTQFLAESTEDQNNETQQLLFTAFENALGLSDKIPSEDHQVLYRHFIQ
 SLSKFPHE SARLKKACEGINIYPTVQYPLEVLCVHLIESGNLTDEGQQYCCRLVEMDSKSGPGLIGLGI
 KALQDKKYEDAVRNLTGLKESPVCTSGWYHLAEAQVKMHRPKEAVLSCSQALKIVDNLGASGNSLYQRN
 LCLHLKAEALIKLSYDYSSEEAIRTLTDQISDADNIPGLLVKSLAYRNKGSFDEAAKIMEDLLSSYPDLA
 EVHALEALIHFTKKDYLAQEKCFQRALEKDTEVAEYHYQLGLTYWFMGEETRDKTKALTHFLKAARLDT
 YMGKVFCYLGHYRDVVGDKNRARGCYRKAFELDDTDAESGAAAVDL SVELEDMEMALAILTTVTQKASA
 GTAKWAWLRRGLYYLKAGQHSQAVADLQAALRADPKDFNCWESLGEAYLSRGGYTTALKSFTKASELNPE
 SIYSVFVAAIIQQLGKYKEAVAQYQMIKKKKEDYVPALKGLGECHLMMAKAALVDYLDGKAVDYIEKAL
 EYFTCALQHRADV SCLWKL AGDACTCLYAVAPSKVNVHVLGVLLGQKEGKQVLLKKNELLHLGGRCYGRAL
 KLMSTSNTWCDLGINYYRQAHLAETGSNMNDLKELEKSLHCLKAVRLDSNNHLYWNALGVVACYSGI
 GNYALAQHCFIKSIQSEQINAVAWTNLGVLYLTNENIEQAHEAFKMAQSLDPSYLMCWIGQALIAEAVGS
 YDTMDLFRHTTELMHTGALGYAYWVCTTLQDKSNRETELYQYNILQMNAIPAAQVILNKYVERIQNYA
 PAFMTLGYLNEHLQLKKEAANAYQRAILLQTAEDQDTYNVAIRNYGRLLCSTGEYDKAIQAFKSTPLEV
 LEDIIGFALALFMKGLYKESKAYERALSIVESEQDKAHILTALAITTEYKQKTDVAKTLLFKCSILKEP
 TTESLQALCALGLAMQDATLSKAALNELLKHIKHKDSNYQRCLL TSAIYALQGRSVAVQKQISKAVHSNP
 GDPALWSSL SRVVAQYQRNAKGGVVAGNVAHILDSNHGKALLYTAVNQLAMGSSSAEDEKNTALKTIQ
 KAALLSPGDPAIWAGLMAACHADDKLALVNNTQPKRIDLYLALLSAVSASIKDEKFFENYNQSLKWSLS
 QAVTGLIDTGRISEAETLCTKNLKNPDPQPAVILLRQVQCKPLLESQKPLPDAVLEELQKTVMSNSTSV
 PAWQWL AHVYQSQGMRAEMCYRKSLLASQSGSWGKLSLLRLALLALKVCMANISNDHWPSLVQEA
 TTEALKLFCPLAVLLQALLQFKRKMGAETRRLLERVVYQPGYPKSI ASTARWYLLRHL YAKDDYELID
 VLVNNAKTHGDTRALELNQRLSSQ

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Chromatograms: https://cdn.origene.com/chromatograms/mk8080_c12.zip

Restriction Sites: SgfI-MluI

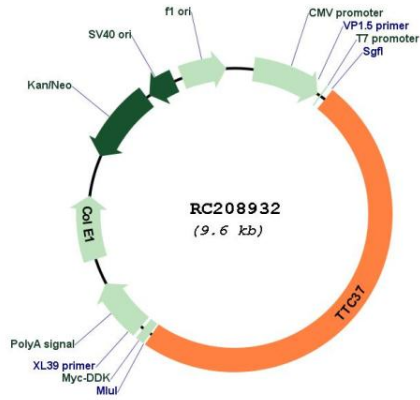
Cloning Scheme:



ACCN: NM_014639

ORF Size:	4692 bp
OTI Disclaimer:	<p>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 custsupport@origene.com or by calling 301.340.3188 option 3 for pricing and delivery.</p> <p>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. More info</p>
OTI Annotation:	This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.
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:	NM_014639.4
RefSeq Size:	5167 bp
RefSeq ORF:	4695 bp
Locus ID:	9652
UniProt ID:	Q6PGP7
Cytogenetics:	5q15
Domains:	TPR
Protein Pathways:	RNA degradation
MW:	175.3 kDa
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]

Product images:



Circular map for RC208932