

Product datasheet for **RG227432**

TTC39C (NM_001135993) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	TTC39C (NM_001135993) Human Tagged ORF Clone
Tag:	TurboGFP
Symbol:	TTC39C
Synonyms:	C18orf17; HsT2697
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)



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ORF Nucleotide Sequence:

>RG227432 representing NM_001135993
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGCATCGC**

ATGGCCGGCTCGGAGCAGCAGCGCCCGCGCGGGACGACGGAGACTCGGACGCGGCAGCGCGCGCG
 CGGCGCCCTGCAGGACGCGGAGCTGGCCCTGGCCGCATCAACATGCTGCTCAACAACGGCTTCAGGGA
 GTCGGACCAGCTTTTCAAACAATACAGAAATCATAGCCCACTAATGAGTTTGGAGCCAGCTTTGTCAGT
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 AAAAACTGTGTGAAAGTGAAGAGGCTGGAGTAATTGAAACAATCAAGAATAAAATTAAGAAGAAGCTTGA
 TGTCGGAATAACCGCCCTCTATGGTTGATCGGCTTCAGAGGCAGATAATCATAGCTGACTGCCAGGTT
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 AAGCCTGGAAGATTTACAATAAATGCTATCTGGACATCAATGCCCTTCAGGAGCTGTATCAGAAGAAGCT
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 TCTCTGAACAGACTGAAAGGTGCTGTAGCTTTGGATATGGCCTTTTTCACCTTTGCATATCCATGGTGC
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 GATGTATGCAAGCGAAAGTAAGGACATGAAGGCCCTTTAGCTACATTAGCTCTGCTCTGGTATCATACT
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 CCTGCAGAGGATGAGTCAAGCTTGCCATGAAGTGGATGACTCATCTGTTGTTGGATTAAAGTATTGCTT
 CTTGGTGCATACACAAATGTCTAGGAACTCAGAAGATGCTGTTCACTACTCCAGCGAGCTGTTAAAG
 ATGAATTGTGTCGTCAGAATAATTTATGTTAGCCGTATGCCTGTTATGAAGTGGCTGTCTTCTATT
 AGACAAACCAGAGACTGTAGGAAGAGGCAGAGCTCTACTTCTCAAGCAAAGGAGGATTTCTCTGGCTAC
 GACTTTGAAAACAGATTGCATGTCCGCATCCATGCTGCTCTGGCCTCTCTGAGGAATTGGTTCCTCAG

ACGCGTACGCGGCGGCTCGAG – GFP Tag – GTTTAA

Protein Sequence:

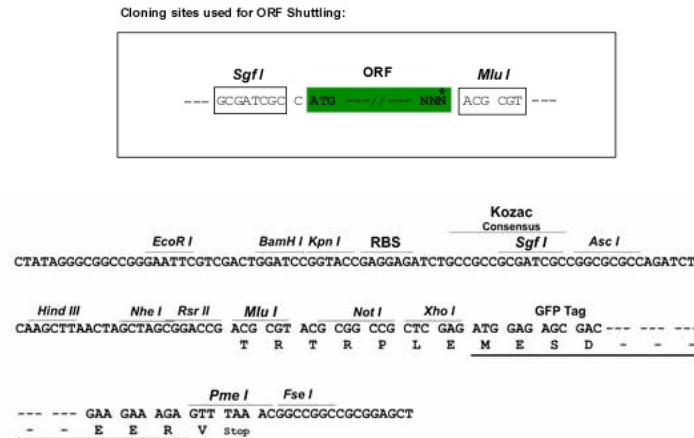
>RG227432 representing NM_001135993
 Red=Cloning site Green=Tags(s)

MAGSEQQRPRRRDGDSDAAAAAAPLQDAELALAGINMLLNNGFRESQDLFKQYRNHSPMSFGASFVS
 FLNAMMTFEEEEKMLACDDLKTEKLCESEEAGVIETIKNKIKKNVDVRKSAPSMVDRLQRQIIADQCQV
 YLAVLSFVKQEL SAYIKGGWILRKAWKIYNKYLDINALQELYQKKL TEESLTSDAANDNHIVAEGVSEE
 SLNRLKGAVSFGYGLFHLCSMVPPNLLKIINLLGFPDRLQGLSSLMYASESKDMKAPLATLALLWYHT
 VVRPFALDGSNDKAGLDEAKEILLKKEAAYPNSSLFMFFKGRIQRLCQINSALTSFHTALELAVDQRE
 IQHVCLYEIGWCSMIELNFKDAFDSFERLKNESRWSQCYAYLTAVCQGATGDVDGAQIVFKEVQKLFKR
 KNNQIEQFSVKKAERFRKQTPTKALCVLASIEVLYLWKALPNCSFPNLQRMSQACHEVDDSSVVGLKYLL
 LGAIHKCLGNSEDAVQYFQRAVKDELCRQNNLYVQPYACYELGCLLLDKPETVGRGRALLQAKEDFSGY
 DFENRLHVRIHAALASLRELVPQ

TRTRPLE – GFP Tag – V

Restriction Sites:

SgfI-MluI

Cloning Scheme:


ACCN: NM_001135993

ORF Size: 1749 bp

OTI Disclaimer: 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](#)

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:

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_001135993.1](#), [NP_001129465.1](#)

RefSeq Size: 5253 bp

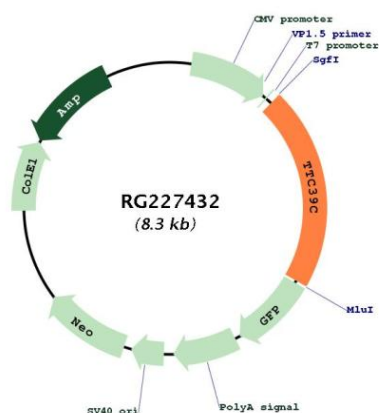
RefSeq ORF: 1752 bp

Locus ID: 125488

UniProt ID: [Q8N584](#)

Cytogenetics: 18q11.2

Product images:



Circular map for RG227432