

Product datasheet for **RG222003**

TTC39C (NM_153211) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	TTC39C (NM_153211) 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:

>RG222003 representing NM_153211
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGAGTTTTGGAGCCAGCTTTGTCACTTTTTGAATGCCATGATGACATTTGAGGAAGAAAAATGCAGT
 TGGCATGTGATGACTTAAAAACACAGAAAACTGTGTGAAAGTGAAGAGGCTGGAGTAATTGAAACAAT
 CAAGAATAAAATTAAGAAGAACGTTGATGTCCGAAAAATCCGCCCTCTATGGTTGATCGGCTTCAGAGG
 CAGATAATCATAGCTGACTGCCAGGTTTACCTGGCTGTGCTTTTCAATTTGTAAAACAAGAATTGTCACTT
 ATATCAAAGGTGGGTGGATCCTTAGGAAAGCCTGGAAGATTTACAATAAATGCTATCTGGACATCAATGC
 CCTTCAGGAGCTGTATCAGAAGAAGCTAACTGAAGAGTCTTGACTTCTGATGCTGCAATGATAATCAC
 ATTGTGGCTGAAGGGGTGTCTGAGGGGTCTCTGAACAGACTGAAAGGTGCTGTTAGCTTTGGATATGGCC
 TTTTTCACCTTTGCATATCCATGGTCCCCCAACCTGCTCAAAATCATCAACCTGCTGGGTTTTCTGG
 AGACCGCTACAGGGGCTTTCTCACTGATGTATGCAAGCGTAAGTAAGGACATGAAGGCCCTTTAGCT
 ACATTAGCTCTGCTCTGGTATCATACTGTAGTCCGCCCTTTTTTGCCTTGGATGGCAGTGATAACAAGG
 CAGGCCTGGATGAAGCTAAGGAAATTCCTTAAAAAAGAAGCTGCTTATCCAAATTCCTCCCTCTTTAT
 GTTTTTCAAGGGACGGATACAACGACTAGAGTGTCAAATCAACAGTGCCTTGACATCTTTCCACACTGCT
 TTGGAACCTGCAGTAGACCAGAGAGAAATTCACATGTCTGTCTGTATGAAATTGGTTGGTGCAGCATGA
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 CTATTATGCCTACTTGACTGCAGTTTGTGAGGGAGCCACTGGTGTGTTGGATGGGACAGATTGTCTTT
 AAAGAAGTTCAGAACTCTTCAAAGGAAAAACAATCAGATTGAACAGTTCTCGGTGAAAAAGGCAGAGC
 GATTTTCGGAAGCAAACCCCAACCAAGCGCTCTGTGTGTTGGCGTCTATTGAAGTGTGTACTTGTGGAA
 AGCTCTTCCAAACTGTTCTTCCCAACCTGCAGAGGATGAGTCAAGCTTGCCATGAAGTGGATGACTCA
 TCTGTTGTTGGATTAAAGTATTTGCTTCTTGGTGCATACACAAATGTCTAGGAACTCAGAAGATGCTG
 TTCAGTACTTCCAGCGAGCTGTTAAAGATGAATTGTGCTGTCAGATAATTTATATGTTAGCCGTATGC
 CTGTTATGAACCTGGCTGTCTTCTATTAGACAAACAGAGACTGTAGGAAGAGGCAGAGCTCTACTTCTT
 CAAGCAAAGGAGGATTTCTCTGGCTACGACTTTGAAAACAGATTGCATGTCCGCATCCATGCTGCTCG
 CCTCTCTGAGGGAATTGGTCTCTCAG

ACGCGTACGCGGCCGCTCGAG – GFP Tag – GTTTAA

Protein Sequence:

>RG222003 representing NM_153211
 Red=Cloning site Green=Tags(s)

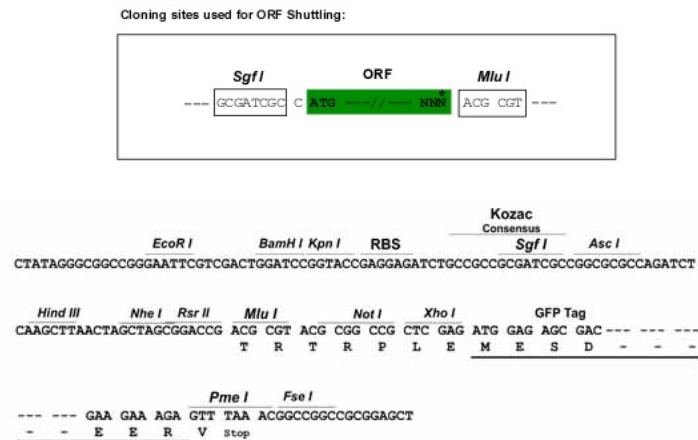
MSFGASFVSFLNAMMTFEEEEKMLACDDLKTTEKLCESEEAGVIETIKNIKKNVDRKSAPSMVDRLQR
 QIIADQCYYLAVLSFVKQELSAIYKGGWILRKAWKIYNKCYLDINALQELYQKKLTEESLTSDAANDNH
 IVAEGVSEGLNRLKGAVSFGYGLFHLCSMVPPNLLKIINLLGFPDRLQGLSSLMYASVSKDMKAPLA
 TLALLWYHTVVRPFALDGSNDKAGLDEAKEILLKKEAAYPNSSLFMFFKGRIQRLECQINSALTSFHTA
 LELAVDQREIQHVCLYEIGWCSMIELNFKDAFDSFERLKNESRWSQCYYAYLTAVCQGATGDVDGAQIVF
 KEVQKLFKRNNQIEQFSVKAERFRKQPTKALCVLASIEVLYLWKALPNCSPNLRMSQACHEVDDS
 SVVGLKYLLLGAIHKCLGNSEDAVQYFQRAVKDELCRQNNLYVQPYACYELGCLLLDKPETVGRGRALLL
 QAKEDFSGYDFENRLHVRHAALASLRELVPQ

TRTRPLE – GFP Tag – V

Restriction Sites:

Sgfl-MluI

Cloning Scheme:



ACCN: NM_153211

ORF Size: 1566 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_153211.1](#), [NP_694943.1](#)

RefSeq Size: 2304 bp

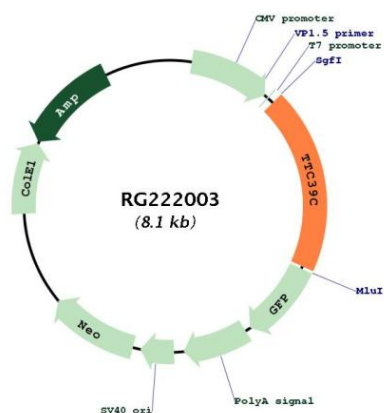
RefSeq ORF: 1569 bp

Locus ID: 125488

UniProt ID: [Q8N584](#)

Cytogenetics: 18q11.2

Product images:



Circular map for RG222003