

Product datasheet for **RG239090**

TTC39A (NM_001297665) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	TTC39A (NM_001297665) Human Tagged ORF Clone
Tag:	TurboGFP
Symbol:	TTC39A
Synonyms:	C1orf34; DEME-6
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)



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ORF Nucleotide Sequence:

>RG239090 representing NM_001297665.
 Blue=ORF Red=Cloning site Green=Tag(s)

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GCTCGTTTAGTGAACCGTCAGAATTTTGTAAACGACTCACTATAGGGCGGCCGGGAATTCGTGACTG
GATCCGGTACCGAGGAGATCTGCCGCCCGGATCGCC
ATGGGCCAGAAGGGCCACAAAGACTCCCTTTACCTTTGTGGAGGGACTCCTGAGAGCAGCCTCCATGAG
GCCCTGGACCAAGTGCATGACCGCCCTGGACCTTCTCTACCAACCAGTTCTCAGAAGCACTCAGCTAC
CTCAAGCCCAGAACCAAGGAAAGCATGTACCACTCACTGACATATGCCACCATCCTGGAGATGCAGGCC
ATGATGACCTTTGACCCTCAGGACATCCTGCTTCCGGCAACATGATGAAGGAGGCACAGATGCTGTGT
CAGAGGCACCGGAGGAAGTCTTCTGTAACAGATTCCTTCAGCAGCCTGGTGAACCGCCCCACGCTGGGC
CAATTCCTGAAGAGGAAATCCACGCTGAGGTCTGCTATGCAGAGTGCCTGCTGCAGCGAGCAGCCCTG
ACCTTCTGCAGGGTTCTCACACGAGGGGCAGTCAGGCCCAGAGCCTTGATGATCCCTCTCACGCC
TGCAGTGCACCTGGGCCAGGCCGTGACATCTTTCTCTGCAGGACGAGAACATGGTGAGCTTC
ATCAAAGCGGCATCAAAGTTCGAAACAGCTACCAGACCTACAAGGAGCTGGACAGCCTTGTTCACTCC
TACAATACTGCAAGGGTGAAGAACCACCGCATTGGAAGGAGGAGTGAAGCTTGGTGTAGGGGCCCTTC
AACCTGCACTGTCCATGCTTCTACTAGGATCCTGAGGCTGTTGGAGTTTGTGGGGTTTCAGGAAAC
AAGGACTATGGGCTGCTGCAGCTGGAGGAGGGAGCGTCAGGGCACAGCTCCGCTCTGTGCTCTGTGTC
ATGCTCCTGCTGTGCTACCACACCTTCTCACCTTCGTGCTCGGTACTGGGAACGTCAACATCGAGGAG
GCCGAGAAGCTCTTGAAGCCCTACCTGAACCGGTACCCTAAGGGTGCCATCTTCTGTTCTTTCAGGG
AGGATTGAAGTCATTAAGGCAACATTGATGCAGCCATCCGGCGTTTCGAGGAGTGTGTGAGGCCACAG
CAGCACTGGAAGCAGTCCACCACATGTGCTACTGGGAGCTGATGTGGTGTCTCACCTACAAGGGCCAG
TGGAAGATGCTCTACTTCTACGCCGACCTGCTCAGCAAGGAGAAGTGTGGTCCAAGGCCACCTACATT
TACATGAAGGCCCTACCTCAGCATGTTTGGGAAGGAGGACCACAAGCCGTTTCGGGGACGACGAAGTG
GAATTATTTTCGAGCTGTGCCAGGCTGAAGCTCAAGATTGCTGGGAAATCTCTACCCACAGAGAAGTTT
GCCATCCGGAAGTCCCGGCGCTACTTCTCTCCAACCCTATCTCGCTGCCAGTGCCTGCTCTGGAATG
ATGTACATCTGGAACGGCTACGCCGTGATTGGGAAGCAGCCGAAACTCACGGATGGGATACTTGAGATT
ATCACTAAGGCTGAAGAGATGCTGGAGAAAGGCCAGAGAACGAGTACTCAGTGGATGACGAGTGCCTTG
GTGAAATTGTTGAAAGGCTGTGCTGAAATACCTGGGCCGTGTCCAGGAGGCCGAGGAGAATTTTAGG
AGCATCTCTGCCAATGAAAAGAAGATTAATATGACCACTACTTGATCCCAAACGCCCTGCTGGAGCTG
GCCCTGCTGCTTATGGAGCAAGACAGAAAAGCAAGAGGCCATCAAATTTTGAATCTGCCAAGAAAAAC
TACAAGAATTACTCCATGGAGTCAAGGACACACTTTCGAATCCAGGCAGCCACACTCCAAGCCAAGTCT
TCCTAGAGAACAGCAGCAGATCCATGGTCTCATCAGTGCCTTG
ACGCGTACGCGGCCGCTCGAG – GFP Tag – GTTTAAAC
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Protein Sequence:

>Peptide sequence encoded by RG239090
 Blue=ORF Red=Cloning site Green=Tag(s)

```
MGQKQHKDSL YPCGGTPESSLHEALDQCMTALDLFLTNQFSEALSYLKPRTKESMYHSLTYATILEMQA
MMTFDPQDILLAGNMMKEA QMLCQRHRRKSSVTDSSSLVNRPTLGQFTEEEIHA EVCYAECLLQRAAL
TFLQGS SHGGAVRPRALHDP SHACSPPGPRQHLLQDENMVSFIKGGIKVRNSYQTYKELDSL VQS
SQYCKGENHHPHFEGGVKLG VGFNL TLSMLPTRILRLLEFVFGSGNKDYGLLQLEEGASGH SFRSVL CV
MLLLCYHTFLTFVLGTGNV NIEEA EKLLKPYLNRYPKGAIFLFFAGRIEVIKGNIDAAIRRFEECEAQ
QHWKQFH HMCYWELMWCFTYKGQWKMSYFYADLLSKENCWSKATYIYMKAAYLSMFGKEDHKPF GDEV
ELFRAV PGLKLIK IAGKSLPTEKFAIRKSRRYFSSNPISLPVPALEMMYI WNGYAVIGKQPKLTDGILEI
ITKAEEMLEKGPENEYSVDDECLVKLLKGLCLKYLGRVQEA EENFRSISANEKKIKYDHYLIPNALLEL
ALLLMEQDRNEEA IKLLES AKQYKNYSMESRTHFRIQAATLQAKS SLENSRSMVSSVSL
TRTRPLEMESDESGLPAMEIECRITGTLNGVEFELVGGGEGTPEQGRMTNKMKSTKGALTFSPYLLSHV
MGYGFYHFGTYP SGYENPFLHAINNGGYNTRIEKYEDGGVLHV SF SYRYEAGRVIGDFKVMGTGFPEDE
SVIFTDKII RSNATVEHLHPMGDNDLDG SFTRTFSLRDGGYSSVVDSHMHFKSAIHPSILQNGGPMFA
FRRVEEDHSNTELGIVEYQHAFKTPDADAGEERV
```

Restriction Sites:

SgfI-MluI

Cloning Scheme:


ACCN: NM_001297665

ORF Size: 1839 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).

RefSeq: [NM_001297665.1](#), [NP_001284594.1](#)

RefSeq Size: 2866 bp

RefSeq ORF: 1842 bp

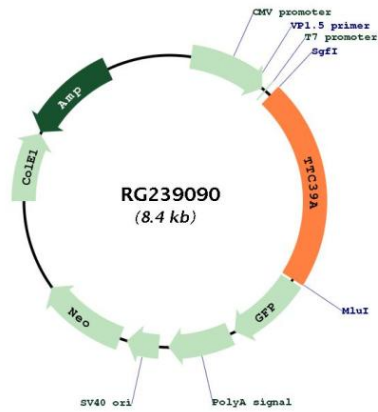
Locus ID: 22996

UniProt ID: [Q5SRH9](#)

Cytogenetics: 1p32.3

MW: 70.2 kDa

Product images:



Circular map for RG239090