

Product datasheet for **RG238963**

TTC39A (NM_001297663) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	TTC39A (NM_001297663) 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:

>RG238963 representing NM_001297663.
 Blue=ORF Red=Cloning site Green=Tag(s)

```
GCTCGTTTAGTGAACCGTCAGAATTTTGTAAACGACTCACTATAGGGCGGCCGGGAATTCGTGCGACTG
GATCCGGTACCGAGGAGATCTGCCGCCCGCATCGCC
ATGACCTCGGCTGGCGGCCCGCCAGGAGCCCTGCCCGGGGACTCCTGAGAGCAGCCTCCATGAGGCC
CTGGACCAGTGCATGACCGCCCTGGACCTCTTCCCTACCAACCAGTTCTCAGAAGCACTCAGCTACCTC
AAGCCCAGAACCAAGGAAAGCATGTACCACTCACTGACATATGCCACCATCCTGGAGATGCAGGCCATG
ATGACCTTTGACCCTCAGGACATCTGCTTGCCGCAACATGATGAAGGAGGCACAGATGCTGTGTGAG
AGGCACCGGAGGAAGTCTTCTGTAACAGATTCTTTCAGCAGCCTGGTGAACCGCCACGCTGGGCCAA
TTCCTGAAGAGGAAATCCACGCTGAGGCTGCTATGCAGAGTGCCTGCTGCAGCGAGCAGCCCTGACC
TTCCTGCAGGACGAGAACATGGTGAAGCTTCAAAAGGCGGCATCAAAGTTGAAACAGCTACCAGACC
TACAAGGAGCTGGACAGCCTTGTTCAGTCTCACAACTGCAAGGGTGAAGAACCCCGCACTTTGAA
GGAGGAGTGAAGCTTGGTGTAGGGGCTTCAACCTGACACTGTCCATGCTTCTACTAGGATCCTGAGG
CTGTTGGAGTTTGTGGGTTTTTCAGGAAACAAGGACTATGGGCTGCTGCAGCTGGAGGAGGAGCGTCA
GGGCACAGCTTCCGCTCTGTGCTCTGTGTCATGCTCCTGCTGTGTACCACACCTTCTCACCTTGTG
CTCGGTACTGGGAACGTCAACATCGAGGAGGCCGAGAAGCTCTTGAAGCCCTACCTGAACCGGTACCCT
AAGGGTGCATCTTCTGTTCTTTGAGGGAGGATTGAAGTCATTAAGGCAACATTGATGCAGCCATC
CGGCGTTTCGAGGAGTGTGTGAGGCCAGCAGCACTGGAAGCAGTTCCACCACATGTGCTACTGGGAG
CTGATGTGGTGTTCACCTACAAGGGCCAGTGAAGATGTCTACTTCTACGCCGACCTGCTCAGCAAG
GAGAACTGCTGGTCCAAGCCACCTACATTTACATGAAGGCCCTACCTCAGCATGTTTGGGAAGGAG
GACCACAAGCCGTTCCGGGACGACGAAGTGAATTATTTTCAGCTGTGCCAGGCTGAAGCTCAAGATT
GCTGGGAAATCTCTACCCACAGAGAAGTTGCCATCCGGAAGTCCCGGCGCTACTTCTCCCAACCT
ATCTCGCTGCCAGTGCCTGCTCTGAAAATGATGTACATCTGGAACGGCTACGCCGTGATTGGGAAGCAG
CCGAAACTCACGGATGGGATACTTGAGATTATCTAAGGCTGAAGAGATGCTGGAGAAAGGCCAGAG
AACGAGTACTCAGTGGATGACGAGTGTGGTGAATTTGAAAGGCCTGTGTCTGAAATACCTGGGC
CGTGTCCAGGAGGCCGAGGAGAAATTTAGGAGCATCTCTGCCAATGAAAAGAAGATTAATATGACCAC
TACTTGATCCCAAACGCCCTGCTGGAGCTGGCCCTGCTGCTTATGGAGCAAGACAGAAACGAAGAGGCC
ATCAAACCTTTGGAATCTGCCAAGCAAACTACAAGAATTACTCCATGGAGTCAAGGACACACTTTCGA
ATCCAGGCAGCCACACTCAAGCCAAGTCTTCCCTAGAGAACAGCAGCAGATCCATGGTCTCATCAGT
TCCTTG
ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTAAAC
```

Protein Sequence:

>Peptide sequence encoded by RG238963
 Blue=ORF Red=Cloning site Green=Tag(s)

```
MTSAGGAPGALPAGTPPESSLHEALDQCMTALDLFLTNQFSEALSYLKPRTKESMYHSLTYATILEMQAM
MTFDPDQILLAGNMKEAQMLCQRHRRKSSVTDSSFLVNRPTLGQFTEEEIHAIEVCYAECLLQRAALT
FLQDENMVSFIKGGIKVRNSYQTYKELDSLVSQYCKGENHPHFEGGVKLGVGAFNLTL SMLPTRLR
LLEFVGFSGNKDYGLLQLEEGASGHSFRSVLCVMLLLCYHTFLTFVLGTGNVIEEAELKLPYLNRY
KGAIFLFFAGRIEVIKGNIDAAIRRFECEAQQHWKQFHMCYWELMWCFTYKQWKMYSFYADLLSK
ENCWSKATYIYMKAAAYLSMFGKEDHKPFGDLEVELFRAVPLKLIKAGSLPTEKFAIRKSRRYFSSNP
ISLPVPALEMMYIWNQYAVIGKQPKLTDGILEIITKAEEMLEKGPENEYSVDDECLVKLLKGLCLKYLG
RVQEAENFRSISANEKKIKYDHYLIPNALLELALLLMEQDRNEEAIKLLES AKQNYKNYSMESRTHFR
IQAATLQAKSSLENSRSMVSSVSL
TRTRPLEMESDESGLPAMEIECRITGTLNGVEFELVGGGEGTPEQGRMTNKMSTKGALTFSPYLLSHV
MGYGFYHFGTYPSTYENPFLHAINNGGYNTRIEKYEDGGVLHVSFSYRYEAGRVIGDFKVMGTGFPED
SVIFTDKIIIRSNATVEHLHPMGDNDLDGSFTRTFSLRDGGYSSVVDSHMFKSAIHPSILQNGGPMFA
FRRVEEDHSNTELGIVEYQHAFKTPDADAGEERV
```

Restriction Sites:

SgfI-MluI

Cloning Scheme:


ACCN: NM_001297663

ORF Size: 1731 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_001297663.1](#), [NP_001284592.1](#)

RefSeq Size: 2738 bp

RefSeq ORF: 1734 bp

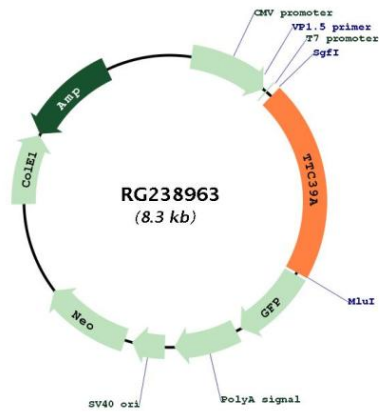
Locus ID: 22996

UniProt ID: [Q5SRH9](#)

Cytogenetics: 1p32.3

MW: 66.2 kDa

Product images:



Circular map for RG238963