

Product datasheet for **RG238859**

TTC39A (NM_001297664) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	TTC39A (NM_001297664) 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:

>RG238859 representing NM_001297664.
 Blue=ORF Red=Cloning site Green=Tag(s)

```
GCTCGTTTAGTGAACCGTCAGAATTTTGTAAACGACTCACTATAGGGCGGCCGGGAATTCGTGCGACTG
GATCCGGTACCGAGGAGATCTGCCGCCCGCATCGCC
ATGACCGCCCTGGACCTCTTCCTACCAACCAGTTCTCAGAAGCACTCAGCTACCTCAAGCCGAGAACC
AAGGAAAGCATGTACCACTCACTGACATAGCCACCATCTGGAGATGCAGGCCATGATGACCTTTGAC
CCTCAGGACATCCTGCTTGCCGGCAACATGATGAAGGAGGCACAGATGCTGTGTCAGAGGCACCGGAGG
AAGTCTTCTGTAACAGATTCTTCAGCAGCCTGGTGAACCGCCACGCTGGGCCAATTCACTGAAGAG
GAAATCCACGCTGAGGTCTGCTATGCAGAGTGCCTGCTGCAGCGAGCAGCCCTGACCTTCTGCAGGAC
GAGAACATGGTGAGCTTCATCAAAGGGCGCATCAAAGTTCGAAACAGCTACCAGACCTACAAGGAGCTG
GACAGCCTTGTTCAGTCTCACAACTGCAAGGGTGAGAACCACCCGACTTTGAAGGAGGAGTGAAG
CTTGGTGTAGGGGCTTCAACCTGACACTGTCCATGCTTCTACTAGGATCCTGAGGCTGTTGGAGTTT
GTGGGTTTTCAGGAACAAGGACTATGGGCTGCTGCAGCTGGAGGAGGGAGCGTCAGGGCACAGCTTC
CGCTCTGTGCTCTGTGTCATGCTCCTGCTGTGCTACCACACCTTCTCACCTTCGTGCTCGTACTGGG
AACGTCAACATCGAGGAGGCCGAGAAGCTTGAAGCCCTACCTGAACCGGTACCCTAAGGGTGCCATC
TTCTGTTCTTTGCAGGGAGGATTGAAGTCATTAAAGGCAACATTGATGCAGCCATCCGGCGTTTCGAG
GAGTGTGCTGAGGCCCAGCAGCACTGGAAGCAGTTCACCCACATGTGCTACTGGGAGCTGATGTGGTGC
TTCACCTACAAGGGCCAGTGAAGATGTCTACTTCTACGCCGACCTGCTCAGCAAGGAGAACTGCTGG
TCCAAGGCCACCTACATTTACATGAAGGGCCGCTACCTCAGCATGTTTGGGAAGGAGGACCACAAGCCG
TTCGGGGACGACGAAGTGAATTATTTCGAGCTGTGCCAGGCCTGAAGCTCAAGATTGCTGGGAAATCT
CTACCCACAGAGAAGTTTGCATCCGGAAGTCCCGGCGCTACTTCTCCTCAACCCTATCTCGCTGCCA
GTGCCTGCTCTGGAAATGATGTACATCTGGAACGGCTACGCCGTGATTGGGAAGCAGAGCCGAAACTCAG
GATGGGATACTTGAGATTACCTAAGGCTGAAGAGATGCTGGAGAAAGGCCAGAGAACGAGTACTCA
GTGGATGACGAGTCTTGGTGAATTGTTGAAAGGCTGTGCTGAAATACCTGGGCCGTGTCCAGGAG
GCCGAGGAGAATTTAGGAGCATCTCTGCCAATGAAAAGAAGATTAATATGACCACTACTTGATCCCA
AACGCCCTGCTGGAGCTGGCCCTGCTGCTTATGGAGCAAGACAGAAACGAAGAGGCCATCAAACTTTTG
GAATCTGCCAAGCAAAACTACAAGAATTACTCCATGGAGTCAAGGACACACTTTCGAATCCAGGCAGCC
ACACTCCAAGCCAAGTCTTCCCTAGAGAACAGCAGCAGATCCATGGTCTCATCAGTGTCTTG
ACGCGTACGCGGCCGCTCGAG – GFP Tag – GTTTAAAC
```

Protein Sequence:

>Peptide sequence encoded by RG238859
 Blue=ORF Red=Cloning site Green=Tag(s)

```
MTALDLFLTNQFSEALSYLKPRTKESMYHSLTYATILEMQAMMTFDPQDILLAGNMMKEAQMQLCQRHRR
KSSVTDSSFSSLVNRPTLGQFTEEEIHAEVCYAECLLQRAALTFLQDENMVSFIKGGIKVRNSYQTYKEL
DSLQSSQYCKGENHPHFEGGVKLVGAFNLTLSMLPTRILRLLEFVGFSGNKDYGLLQLEEGASGHSF
RSVLCVMLLLCYHTFLTFVLGTGNVIEEAEKLLKPYLNRYPKGAIFLFFAGRIEVIKGNIDAAIRRFE
ECCEAQQHWKQFHHCYWELMWCFTYKQWMSYFYADLLSKENCWSKATYIYMKAAYLSMFGKEDHKP
FGDDEVELFRAVPGLKLKIAGSLPTEKFAIRKSRRYFSSNPISLPVPALEMMYIWNGYAVIGKQPKLT
DGILEIITKAEEMLEKGPENEYSVDDECLVKLLKGLCLKYLGRVQEAENFRSISANEKKIKYDHYLIP
NALLELALLMEQRNEEAIKLLESAKQNYKNYSMESRTHFRIQAATLQAKSLESSRSSMVSSVSL
TRTRPLEMESDESGLPAMEIECRITGTLNGVEFELVGGEGTPEQGRMTNKMKSTKGALTFSPYLLSHV
MGYGFYHFGTYPSGYENPFLHAINNGGYNTRIEKYEDGGVLHVSFSYRYEAGRVIGDFKVMGTGFPED
SVIFTDKIIRSNATVEHLHPMGDNDLDGSFTRTFSLRDGGYSSVVDSHMHFKSAIHPSILQNGGPMFA
FRRVEEDHSNTELGIVEYQHAFKTPDADAGEERV
```

Restriction Sites:

Sgfl-MluI

Cloning Scheme:


ACCN: NM_001297664

ORF Size: 1650 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_001297664.1](#), [NP_001284593.1](#)

RefSeq Size: 2774 bp

RefSeq ORF: 1653 bp

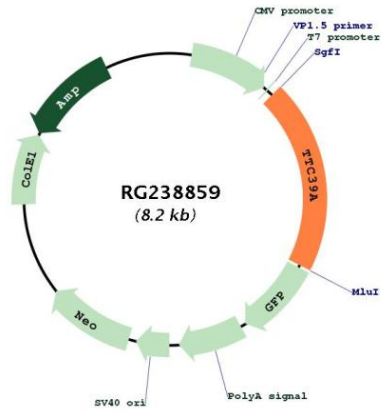
Locus ID: 22996

UniProt ID: [Q5SRH9](#)

Cytogenetics: 1p32.3

MW: 63.6 kDa

Product images:



Circular map for RG238859