

Product datasheet for **RG238158**

TTC39A (NM_001297662) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	TTC39A (NM_001297662) 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)
ORF Nucleotide Sequence:	>RG238158 representing NM_001297662. Blue=ORF Red=Cloning site Green=Tag(s)

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GCTCGTTTGTAGTGAACCGTCAGAATTTTGTAAACGACTCACTATAGGGCGCCGGGAATTCGTCGACTG
GATCCGGTACCGAGGAGATCTGCCGCCGCGATCGCC
ATGACCTCGGCTGGCGGCCCGCCAGGAGCCCTGCCCGCGGGGACTCCTGAGAGCAGCCTCCATGAGGCC
CTGGACCAGTGCATGACCGCCCTGGACCTTCTCCTCACCAACCAGTTCTCAGAAGCACTCAGCTACCTC
AAGCCCAGAACCAAGGAAAGCATGTACCACTCACTGACATATGCCACCATCCTGGAGATGCAGGCCATG
ATGACCTTGGACCTCAGGACATCCTGCTTCCCGCAACATGATGAAGGAGGCACAGATGCTGTGTGTCAG
AGGCACCGGAGGAAGTCTTCTGTAAACAGATTCCCTCAGCAGCCTGGTGAACCGCCACGCTGGGCCAA
TTCCTGAAGAGGAAATCCACGCTGAGGCTGCTATGCAGAGTGCCTGCTGCAGCGAGCAGCCCTGACC
TTCTGACAGGTTCTCACACGGAGGGGAGTCAGGCCAGAGCCTTGCATGATCCCTCTCACGCCCTGC
AGCTGCCACCTGGGCCAGGCCGTGAGCATCTTTTCTCCTGCAGGACGAGAATCGGTGAGCTTTCATC
AAAGGCGGCATCAAAGTTCGAAACAGCTACCAGACCTACAAGGAGCTGGACAGCCTTGTTCAGTCTCA
CAATACTGCAAGGGTGAGAACCCCGCACTTTGAAGGAGGAGTGAAGCTTGGTGTAGGGGCCCTTCAAC
CTGACACTGTCCATGCTTCTACTAGGATCCTGAGGCTGTTGGAGTTTGTGGGTTTTTCAGGAAACAAG
GACTATGGGCTGCTGCAGCTGGAGGAGGGAGCGTCAGGGCACAGCTTCCGCTCTGTGCTCTGTGTGTCATG
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GAGAAGCTCTTGAAGCCCTACCTGAACCGGTACCCTAAGGGTCCATCTTCTCTTTTCAGGGGAGG
ATTGAAGTCATTAAGGCAACATTGATGCAGCCATCCGGCGTTTTCGAGGAGTGTGTGAGGCCAGCAG
CACTGGAAGCAGTTCACACATGTGCTACTGGGAGCTGATGTGGTCTTACCTACAAGGGCCAGTGG
AAGATGCTCTACTTCTACGCCAGCTGCTCAGCAAGGAGAACTGCTGGTCCAAGGCCACCTACATTTAC
ATGAAGGCCCGCTACCTCAGCATGTTTGGGAAGGAGGACCACAAGCCGTTCCGGGACGACGAAGTGGAA
TTATTTCCGGTGGGTCCCACATCGTGTCTCCACTGTG
ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAAAC
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Protein Sequence: >Peptide sequence encoded by RG238158
 Blue=ORF Red=Cloning site Green=Tag(s)

MTSAGGAPGALPAGTPPESSLHEALDQCMTALDLFLTNQFSEALSULKPRTKESMYHSLTYATILEMQAM
 MTFDPQDILLAGNMMKEAQMQLCQRHRRKSSVTDSSLVNRPTLGQFTEEEIHAEVCIYAECCLLQRAALT
 FLQSSSHGGAVRPRALHDP SHACSCPPGPRQHLFLLQDENMVSF IKGGIKVRNSYQTYKELDSL VQSS
 QYCKGENHPHFEGGVKLVGAFNL TLSMLPTRILRLLEFVGFSGNKDYGLLQLEEGASGHSFRSVLCVM
 LLLCYHTFLTFLVLTGNVNIIEAEKLLKPYLNRYPKGAIFFAGRIEVIKGNIDAAIRRFEECCEAQQ
 HWKQFHMCYWELMWCFTYKQGWKMSYFYADLLSKENCWSKATYIYMKAAYLSMFGKEDHKPFGDDEVE
 LFRWPHRAPTV
 TRTRPLEMESDESGLPAMEIECRITGTLNGVEFELVGGGEGTPEQGRMTNKMKSTKGALTFSPYLLSHV
 MGYGFYHFGTYPSGYENPFLHAINNGGYNTRIEKYEDGGVLHVSFSYRYEAGRVIGDFKVMGTGFPED
 SVIFTDKIIRSNATVEHLHPMGDNDLDGSFTRTFLRDGGYSSVVD SHMHFKSAIHPSILQNGGPMFA
 FRRVEEDHSNTELGIVEYQHAFKTPDADAGEERV

Restriction Sites: SgfI-MluI

Cloning Scheme:



ACCN: NM_001297662

ORF Size: 1278 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](#)

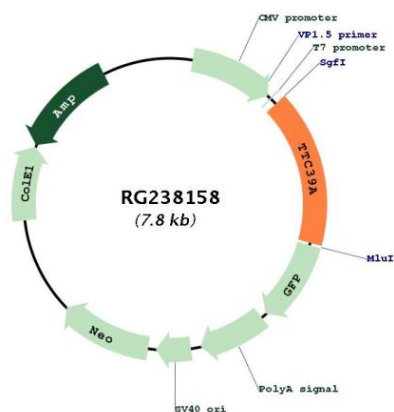
OTI Annotation: This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.

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_001297662.2](#)

RefSeq Size: 1892 bp
 RefSeq ORF: 1281 bp
 Locus ID: 22996
 Cytogenetics: 1p32.3
 MW: 48.8 kDa

Product images:



Circular map for RG238158