

Product datasheet for **RC238963**

TTC39A (NM_001297663) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	TTC39A (NM_001297663) Human Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	TTC39A
Synonyms:	C1orf34; DEME-6
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



[View online »](#)

ORF Nucleotide Sequence:

>RC238963 representing NM_001297663
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGACCTCGGCTGGCGGCCCCAGGAGCCTGCCCGGGGACTCCTGAGAGCAGCCTCCATGAGGCC
 TGGACCAGTGCATGACCGCCTGGACCTTCTCACCACCAGTTCTCAGAAGCACTCAGCTACCTCAA
 GCCCAGAACCAAGGAAAGCATGTACCACTCACTGACATATGCCACCATCCTGGAGATGCAGGCCATGATG
 ACCTTTGACCCTCAGGACATCTGCTTGCCGGCAACATGATGAAGGAGGCACAGATGCTGTGTGAGAGGC
 ACCGGAGGAAGTCTTCTGTAACAGATTCTTCAGCAGCCTGGTGAACCGCCACGCTGGGCCAATTAC
 TGAAGAGGAAATCCACGCTGAGGTCTGCTATGCAGAGTGCCTGCTGCAGCGAGCAGCCCTGACCTTCTG
 CAGGACGAGAACATGGTGAAGTTCATCAAAGCGGCATCAAAGTTCGAAACAGCTACCAGACCTACAAGG
 AGCTGGACAGCCTTGTTCAGTCTCACAACTGCAAGGGTGAGAACCACCCGACTTTGAAGGAGGAGT
 GAAGCTTGGTGTAGGGGCTTCAACCTGACACTGTCCATGCTTCTACTAGGATCCTGAGGCTGTTGGAG
 TTTGTGGGGTTTTAGGAAACAAGGACTATGGGCTGCTGCAGCTGGAGGAGGAGCGTACAGGCACAGCT
 TCCGCTCTGTGCTCTGTGTATGCTCCTGCTGTGCTACCAACCTTCTCACCTTCGTGCTCGGACTGG
 GAACGTCAACATCGAGGAGGCCGAGAAGCTTTGAAGCCCTACCTGAACCGGTACCCTAAGGGTGCATC
 TTCTGTTCTTTGAGGGAGGATTGAAGTCATTAAGGCAACATTGATGCAGCCATCCGGCGTTTCGAGG
 AGTGCTGTGAGGCCAGCAGCACTGGAAGCAGTTCACCACATGTGCTACTGGGAGCTGATGTGGTGCTT
 CACCTACAAGGCCAGTGAAGATGTCTACTTCTACGCCACCTGCTCAGCAAGGAGAAGTGTGGTCC
 AAGGCCACCTACATTTACATGAAGGCCCTACCTCAGCATGTTGGGAAGGAGGACCACAAGCCGTTCCG
 GGGACGACGAAGTGAATTATTTGAGCTGTGCCAGGCCTGAAGCTCAAGATTGCTGGGAAATCTTACC
 CACAGAGAAGTTTGCCATCCGGAAGTCCCGCGCTACTTCTCCTCAACCCATATCTCGCTGCCAGTGCCT
 GCTCTGGAATGATGTACATCTGGAACGCTACGCCGTGATTGGGAAGCAGCCGAAACTCACGGATGGGA
 TACTTGAGATTACTACTAAGGCTGAAGAGATGCTGGAGAAAGGCCAGAGAACGAGTACTCAGTGGATGA
 CGAGTGTGGTGAATTGTTGAAAGCCTGTGTCTGAAATACCTGGGCCGTGTCCAGGAGGCCGAGGAG
 AATTTTAGGAGCATCTCTGCAATGAAAAGAAGATTAATATGACCACTACTTGTATCCCAAACGCCCTGC
 TGGAGCTGGCCCTGCTGCTTATGGAGCAAGACAGAAACGAAGAGGCCATCAAACCTTTGGAATCTGCCAA
 GCAAAACTACAAGAATTACTCCATGGAGTCAAGGACACACTTTGAAATCCAGGCAGCCACACTCCAAGCC
 AAGTCTTCCCTAGAGAACAGCAGCAGATCCATGGTCTCATCAGTGTCTTG

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>RC238963 representing NM_001297663
 Red=Cloning site Green=Tags(s)

MTSAGGAPGALPAGTPPESSLHEALDQCMTALDLFLTNQFSEALSYLKPRTKESMYHSLTYATILEMQAMM
 TFDPDQILLAGNMMKEAQMQLCQRHRRKSSVTSFSSLVNRPTLQGFTEEEIHAEVCYAECLLQRAALTF
 QDENMVSFIKGGIKVRNSYQTYKELDSLQSSQYCKGENHPHFEGGVKLGVGAFNLTL SMLPTRILRLL
 FVGFSGNKDYGLLQLEEGASGHSFRSVLCVMLLLCYHTFLTFVLGTGNVNIIEAEKLLKPYLNRYPKGAI
 FLFFAGRIEVIKGNIDAAIRRFEECCAEQQHWKQFHHMCYWELMWCFTYKQWKMSYFYADLLSKENCWS
 KATYIYMKAAYLSMFGKEDHKPFQDDEVELFRAVPGLKLIAGKSLPTEKFAIRKSRRYFSSNPISLPVP
 ALEMMYIWNQYAVIGKQPKLTDGILEIITKAEEMLEKGPENEYSVDDECLVKLLKGLCLKYLGRVQEAEE
 NFRSISANEKIKYDHYLIPNALLELALLLMEQDRNEEAIKLLES AKQNYKNYSMESRTHFRIQAATLQA
 KSSLENSSRSMVSSVSL

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

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).

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_001297663.1](#), [NP_001284592.1](#)

RefSeq Size: 2738 bp

RefSeq ORF: 1734 bp

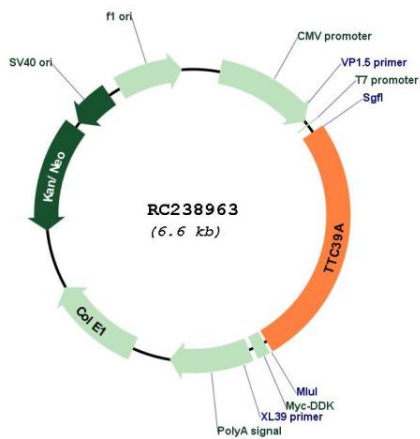
Locus ID: 22996

UniProt ID: [Q5SRH9](#)

Cytogenetics: 1p32.3

MW: 66.2 kDa

Product images:



Circular map for RC238963