

Product datasheet for **RG218567**

TTC39A (NM_001080494) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	TTC39A (NM_001080494) 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:

>RG218567 representing NM_001080494
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGCATCGCC**

ATGGGCCAGAAGGGCCACAAGACTCCCTTTACCTTGTGGAGGGACTCCTGAGAGCAGCCTCCATGAGG
 CCCTGGACCAGTGCATGACCGCCCTGGACTCTTCTCTACCAACCAGTTCCTCAGAAGCACTCAGCTACCT
 CAAGCCCAGAACCAAGGAAAGCATGTACCACTCACTGACATATGCCACCATCCTGGAGATGCAGGCCATG
 ATGACCTTTGACCCTCAGGACATCCTGCTTGCCGGCAACATGATGAAGGAGGCACAGATGCTGTGCAGA
 GGCACCGGAGGAAGTCTTCTGTAACAGATTCTTCAGCAGCCTGGTGAACCGCCCCACGCTGGGCCAATT
 CACTGAAGAGGAAATCCACGCTGAGGTCTGCTATGCAGAGTGCCTGCTGCAGCGAGCAGCCCTGACCTTC
 CTGCAGGACGAGAACATGGTGAAGTTCATCAAAGGCGGCATCAAAGTTCGAAACAGCTACCAGACCTACA
 AGGAGCTGGACAGCCTTGTTCAGTCTCACAATACTGCAAGGGTGAAGAACCCCGCACTTTGAAGGAGG
 AGTGAAGCTTGGTGTAGGGGCCCTCAACCTGACTGTCCATGCTTCTACTAGGATCCTGAGGCTGTTG
 GAGTTTGTGGGGTTTTACAGGAAACAAGGACTATGGGCTGCTGCAGCTGGAGGAGGAGCGTCAAGGCGACA
 GCTTCCGCTCTGTGCTCTGTGTCATGCTCCTGCTGTGCTACCACACCTTCTCACCTTCGTGCTCGGTAC
 TGGGAACGTCAACATCGAGGAGGCCGAGAAGCTCTTGAAGCCCTACCTGAACCGGTACCCTAAGGGTGCC
 ATCTTCTGTTCTTTGCAGGGAGGATTGAAGTCATTAAGGCAACATTGATGCAGCCATCCGGCGTTTCG
 AGGAGTGTGTGAGGCCAGCAGCACTGGAAGCAGTTCACCACATGTGCTACTGGGAGCTGATGTGGTG
 CTTACCTACAAGGGCCAGTGAAGATGCTCCTACTTCTACGCCGACCTGCTCAGCAAGGAGAAGTCTGG
 TCCAAGGCCACCTACATTTACATGAAGGCCGCCTACCTCAGCATGTTTGGGAAGGAGGACCACAAGCCGT
 TCGGGACGACGAAGTGAATTATTTGAGCTGTGCCAGGCCCTGAAGCTCAAGATTGCTGGAAATCTCT
 ACCCACAGAGAAGTTTGCCATCCGGAAGTCCCGGCGCTACTTCTCTCCAACCCTATCTCGTGGCAGTG
 CCTGCTCTGGAATGATGTACATCTGGAACGGCTACGCCGTGATTGGGAAGCAGCCGAAACTCACGGATG
 GGATACTTGAGATTATCACTAAGGCTGAAGAGATGCTGGAGAAAGGCCAGAGAACGAGTACTCAGTGGA
 TGACGAGTGTGGTGAATTTGTTGAAAGGCTGTGTCTGAAATACCTGGGCCGTGTCAGGAGGCCGAG
 GAGAATTTAGGAGCATCTTGCCAATGAAAAGAAGTAAATATGACCACTACTTGATCCCAAACGCC
 TGCTGGAGCTGGCCCTGCTGCTTATGGAGCAAGACAGAAACGAAGAGGCCATCAAACCTTTTGAATCTGC
 CAAGCAAACTACAAGAATTACTCCATGGAGTCAAGGACACACTTTCGAATCCAGGCAGCCACACTCCAA
 GCCAAGTCTTCCCTAGAGAACAGCAGCAGATCCATGGTCTCATCAGTGCCTTG

ACGCGTACGCGGCCGCTCGAG – GFP Tag – GTTTAA

Protein Sequence:

>RG218567 representing NM_001080494
 Red=Cloning site Green=Tags(s)

MGQKGHKDSL YPCGGTPPESSLHEALDQCM TALDLFLTNQFSEALSYLKPRTKESMYHSLTYATILEMQAM
 MTFDPQDILLAGNMKEAQLCQRHRRKSSVTDSSFLVNRPTLQGFTEEEIHAEVCYAECLLQRAALTF
 LQDENMVSFIKGGIKVRNSYQTYKELDSL VQSSQYCKGENHPHFEGGVKLVGAFNLTL SMLPTRILRLL
 EFVFGSGNKDYGLLQLEEGASGHSFRSVLCVMLLLCYHTFLTFVLGTGNVNIIEAEKLLKPYLNRYPKGA
 IFLFFAGRIEVIKGNIDAAIRRFEECEAQQHWKQFHHMICYWELMWCFTYKQWKMSYFYADLLSKENCW
 SKATYIYMKAAYLSMFGKEDHKPFGDDEVELFRAVPGLKLLKIAGKSLPTEKFAIRKSRRYFSSNPISLPV
 PALEMMYIWNQYAVIGKQPKLTDGILEIITKAEMLEKGPENEYSVDDECLVKLLKGLCLKYLGRVQEA
 ENFRSISANEKIKYDHYLIPNALLELALLLMEQDRNEEAIKLLES AKQNYKNYSMESRTHFRIQAATLQ
 AKSSLENSRSMVSSVSL

TRTRPLE – GFP Tag – V

Restriction Sites:

Sgfl-MluI

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:	<ol style="list-style-type: none">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_001080494.3 , NP_001073963.1
RefSeq Size:	2889 bp
RefSeq ORF:	1737 bp
Locus ID:	22996
UniProt ID:	Q5SRH9
Cytogenetics:	1p32.3