

## Product datasheet for **RC238859**

### **TTC39A (NM\_001297664) Human Tagged ORF Clone**

#### **Product data:**

Product Type:	Expression Plasmids
Product Name:	TTC39A (NM_001297664) Human Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	TTC39A
Synonyms:	C1orf34; DEME-6
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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**ORF Nucleotide Sequence:**

>RC238859 representing NM\_001297664  
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGGATCGCC**

ATGACCGCCTGGACCTTCTCTCACCAACCAGTTCTCAGAAGCACTCAGCTACCTCAAGCCGAGAACCA  
 AGGAAAGCATGTACCACTCACTGACATATGCCACCATCCTGGAGATGCAGGCCATGATGACCTTTGACCC  
 TCAGGACATCCTGCTTGCAGCAACATGATGAAGGAGGCACAGATGCTGTGTGAGAGGCACCGGAGGAAG  
 TCTTCTGTAACAGATTCTTTCAGCAGCCTGGTGAACCGCCACGCTGGGCAATTCAGTGAAGAGGAAA  
 TCCACGCTGAGGTCTGCTATGCAGAGTGCCTGCTGCAGCGAGCAGCCCTGACCTTCTGCAGGACGAGAA  
 CATGGTGAGTTCATCAAAGGCGGCATCAAAGTTCGAAACAGCTACCAGACCTACAAGGAGCTGGACAGC  
 CTTGTTCACTCACAATACTGCAAGGGTGAGAACACCCGCACTTTGAAGGAGGAGTGAAGCTTGGTG  
 TAGGGGCCTTCAACCTGACACTGTCATGCTTCTACTAGGATCCTGAGGCTGTTGGAGTTTGTGGGGTT  
 TTCAGGAAACAAGGACTATGGGCTGCTGCAGCTGGAGGAGGAGCGTCAGGGCACAGCTTCCGCTCTGTG  
 CTCTGTGTGATGCTCCTGCTGTGCTACACACCTTCTCACCTTCGTGCTCGGTACTGGGAACGTCACAA  
 TCGAGGAGGCCGAGAAGCTCTTGAAGCCCTACCTGAACCGGTACCTAAGGGTGCATCTTCTGTCTT  
 TGCAGGGAGGATTGAAGTCATTAAGGCAACATTGATGCAGCCATCCGGCGTTTCGAGGAGTGTGTGAG  
 GCCCAGCAGCACTGGAAGCAGTTCACCACATGTGCTACTGGGAGCTGATGTGGTCTTACCTACAAGG  
 GCCAGTGAAGATGTCTACTTCTACGCCGACCTGCTCAGCAAGGAGAAGTGTGGTCCAAGGCCACCTA  
 CATTTACATGAAGGCCCTACCTCAGCATGTTGGGAAGGAGGACCACAAGCCGTTTCGGGACGACGAA  
 GTGGAATTATTTGAGCTGTGCCAGGCCGTAAGCTCAAGATTGCTGGGAAATCTTACCCACAGAGAAGT  
 TTGCCATCCGGAAGTCCCGCGCTACTTCTCCTCAACCCTATCTCGCTGCCAGTGCCTGCTCTGGAAT  
 GATGTACATCTGGAACGGCTACGCCGTGATTGGGAAGCAGCCGAAACTCACGGATGGGATACTTGAGATT  
 ATCACTAAGGCTGAAGAGATGCTGGAGAAAGGCCAGAGAACGAGTACTCAGTGGATGACGAGTGTGG  
 TGAAATTGTTGAAAGCCTGTGTCTGAAATACCTGGCCGTGTCCAGGAGGCCGAGGAGAATTTTAGGAG  
 CATCTCTGCCAATGAAAAGAAGATTAATATGACCACTACTTGATCCCAAACGCCCTGCTGGAGCTGGCC  
 CTGCTGCTTATGGAGCAAGACAGAAACGAAGAGGCCATCAAACCTTTTGAATCTGCCAAGCAAACCTACA  
 AGAATTACTCCATGGAGTCAAGGACACACTTTCGAATCCAGGCAGCCACACTCCAAGCCAAGTCTCCCT  
 AGAGAACAGCAGCAGATCCATGGTCTCATCAGTGTCTTG

**ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA**

**Protein Sequence:**

>RC238859 representing NM\_001297664  
 Red=Cloning site Green=Tags(s)

MTALDLFLTNQFSEALSULKPRTKESMYHSLTYATILEMQAMMTFDPQDILLAGNMMKEAQMQLCQRHRRK  
 SSVTDSFSSLVNRPTLGQFTEEEIHAEVCYAECLLQRAALFLLQDENMVSFIKGGIKVRNSYQTYKELDS  
 LVQSSQYCKGENHHPHFEGGVKLVGAFNLTLSMLPTRLRLLEFVGFSGNKDYGLLQLEEGASGHSFRSV  
 LCVMLLLCYHTFLTFVLGTGNVNEEAEKLLKPYLNRYPKGAIFLFFAGRIEVIKGNIDAAIRRFEECCE  
 AQQHWKQFHMCYWELMWCFTYKQWKMSYFYADLLSKENCWSKATYIYMKAAYLSMFGKEDHKPFGDDE  
 VELFRAVPLKLIKAGKSLPTEKFAIRKSRRYFSSNPISLPVPALEMMYIWNQYAVIGKQPKLTDGILEI  
 ITKAEEMLEKGPENEYSVDDECLVKLLKGLCLKYLGRVQEAEEENFRSISANEKKIKYDHYLIPNALLELA  
 LLLMEQDRNEEAIKLLESQNYKNYSMESRTHFRIQAATLQAKSLENSRSMVSSVSL

**TRTRPLEQKLISEEDLAANDILDYKDDDDKV**

**Restriction Sites:**

Sgfl-MluI



<b>ACCN:</b>	NM_001297664
<b>ORF Size:</b>	1650 bp
<b>OTI Disclaimer:</b>	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. <a href="#">More info</a>
<b>OTI Annotation:</b>	This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.
<b>Components:</b>	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).
<b>Reconstitution Method:</b>	<ol style="list-style-type: none"> <li>1. Centrifuge at 5,000xg for 5min.</li> <li>2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.</li> <li>3. Close the tube and incubate for 10 minutes at room temperature.</li> <li>4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.</li> <li>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.</li> </ol>
<b>RefSeq:</b>	<a href="#">NM_001297664.1</a> , <a href="#">NP_001284593.1</a>
<b>RefSeq Size:</b>	2774 bp
<b>RefSeq ORF:</b>	1653 bp
<b>Locus ID:</b>	22996
<b>UniProt ID:</b>	<a href="#">Q5SRH9</a>
<b>Cytogenetics:</b>	1p32.3
<b>MW:</b>	63.6 kDa