

Product datasheet for **MR209041**

Ttc39a (NM_153392) Mouse Tagged ORF Clone

Product data:

| | |
|---------------------------|---|
| Product Type: | Expression Plasmids |
| Product Name: | Ttc39a (NM_153392) Mouse Tagged ORF Clone |
| Tag: | Myc-DDK |
| Symbol: | Ttc39a |
| Synonyms: | 4922503N01Rik |
| Mammalian Cell Selection: | Neomycin |
| Vector: | pCMV6-Entry (PS100001) |
| E. coli Selection: | Kanamycin (25 ug/mL) |



[View online »](#)

ORF Nucleotide Sequence:

>MR209041 ORF sequence
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGACCACGGCCAGCGGCCGGGCGACCTGCCGGCGGGTCTCCTGTGAGCAGCCTCCATGAGGCCCTGG
 ACCAGTGCATGACAGCCCTGGACCTCTTCTTACCAACCAGTTCTCAGAAGCACTCAGCTACCTCAAACC
 CAGAACCAAGGAGAGCATGTATCACTCCCTGACGTATGCCACCATCCTGGAGATGACAGGCCATGATGACC
 TTCGACCCCAAGGACATCCTGCTTGTGCAACATGATGAAAGAAGCGCAGTCGCTGTGTGAGGCATC
 GAAGGAAGTCTTCTATGACGGACTATTAGCAACCTGGTGCACCGTCTACCATTGACCAGTTCACAGA
 AGAGGAAATCCACGCAGAGGTCTGTTATGCAGAATGCCTACTACAGAGAGCGGCCCTGACCTTCTGCAG
 GACGAGAACATGGTGAGCTTCAAGGGCGGCATCAAAGTGCAGAACAGCTACCAGACTTACAAGGAAC
 TGGATAGCCTCGTCCAGTCTCGCAATACTCTAAGGGAGAGGCCACAGACACTTTGAAGGAGGGGTGAA
 GCTTGGCGTAGGAGCCTCAACCTGACGCTGTCCATGCTTCCACCAGGATTCTGAGGCTGCTGGAGTTT
 GTTGGGTTTTTCAGGAAACAAGGACTATGGGCTGCTGCAGCTGGAGGAGGGCGCGACCCGGACACAGCTTC
 GTGCAGTGTGTGCGTATGCTGTTGCTGTGTTATCACACCTTCCACCTTCGTCGCTCGGTAAGGAA
 TGTCAACATCGAGGAGGCAGAGAAGCTGCTGAAGCCCTACCTGAACCGATACCCCAAGGGCGCCATCTTC
 CTGTTCTTTGCTGGGCGGATTGAAGCTATCAAAGGAAATATTGATGCTGCTGTCCGGCGGTTTGAGGAGT
 GCTGCGAGGCCAGCAGCACTGGAAGCAGTTTACCACATGTGCTACTGGGAGCTGATGTGGTGTCTTAC
 CTACAAGGGCCAGTGGAAATGGCCTACTTCTACGCCGACCTGCTGAGCAAGGAGAACTCCTGGTCCAAG
 GCCACCTACATCTACATGAAGGCTGCCTACCTCAGCATGTTTGGGAAGGAAGACTACAAGCCATTCGGGG
 ACAATGAAGTGGAGTTATTCAGGGCCGTGCCAGGCTTGAAGCTCAAGATTGCTGGGAAATCTTACCCAC
 AGAGAAGTTTGCTATCCGGAAGTCCAGGCGCTACCTCTCCCCAACCCTCTCCTTGCCGATCCCTGCT
 CTGGAAATGATGTACATCTGGAATGGCTATGCTGTGATTGGGAAGCAGCCGACACTCACGGATGGGATGC
 TGGAGGTCATACCAAGGCTGAAGAGATGCTGGCAATGGGCCAGAGAATGAGTACTCAGCAGATGACGA
 CTGCTTGGTTAAATTGCTGAAAGCCTGTGCTGAAATACCTGGGCCGAATCCAGGAGGCAGAGGAGAAT
 TTCAGGAGCATTCTGCCAATGAAAAGAAGATTAATATGACCATTACTTGATTCCAATGCCCTACTGG
 AACTGGCCCTGCTATTTATGGAGCAAGGCAGAAATGAGGAGGCCATCAAACCTTAGAGTCTGCAAAGCA
 AAATAACAAGAACTACTCATGGAGTCAAGGACACATCTTGAATCCAGGCAGCCACACTCCAGGCCAGA
 TCTTCCCTAGAAGATGGCAACAGATCTCTAGTCTCGTCAGTGTCTTG

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>MR209041 protein sequence
 Red=Cloning site Green=Tags(s)

MTASGPGDL PAGSPVSSLHEALDQCMTALDLFLTNQFSEALSYLKPRTKESMYHSLTYATILEMQAMMT
 FDPQDILLAGNMKEAQSQCQRHRRKSSMTDSFNLVHRPTIDQFTEEEIHAEVCYAECLLQRAALTFLLQ
 DENMVSFIKGGIKVRNSYQTYKELDSLQSSQYSKGESHRHFEGGVKLGVGAFNL TLSMLPTRILRLLEF
 VGFSGNKDYGLLQLEEGATGHSFRAVLCVMLLLCYHTFLTFVLGTGNVNIEEAELLLKPYLNRYPKGAIF
 LFFAGRIEAIKGNIDAARRRFECCQAQQHWKQFHHMCYWELMWCFTYKQWKMAFYADLLSKENSWK
 ATYIYMKAAYLSMFGKEDYKPFGDNEVELFRAVPLGLKLIAGKSLPTEKFAIRKSRRYLSPNPISLPIPA
 LEMMYIWNQYAVIGKQPTLTDGMLLEVITKAEMLAMPENEYSADDDCLVKLLKGLCLKYLGRIQEAEEEN
 FRSISANEKKIKYDHYLIPNALLELALLFMEQGRNEEAIKLLESKQNYKNYSMESRTHLRIQAAATLQAR
 SLEDGNRSLVSSVSL

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites:

Sgfl-MluI

Cloning Scheme:


ACCN: NM_153392

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_153392.1](#), [NP_700441.1](#)

RefSeq Size: 2343 bp

RefSeq ORF: 1731 bp

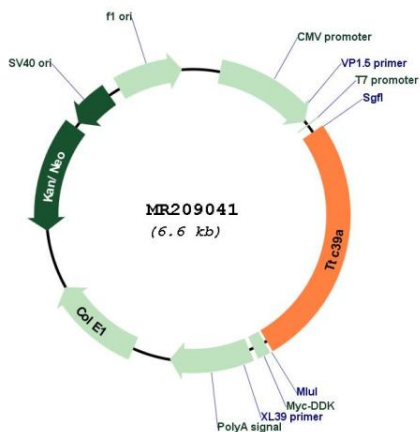
Locus ID: 230603

UniProt ID: [A2ACP1](#)

Cytogenetics: 4 C7

MW: 65.6 kDa

Product images:



Circular map for MR209041