

Product datasheet for **RC205707**

TTC9C (NM_173810) Human Tagged ORF Clone

Product data:

Product Type: Expression Plasmids
 Product Name: TTC9C (NM_173810) Human Tagged ORF Clone
 Tag: Myc-DDK
 Symbol: TTC9C
 Mammalian Cell Selection: Neomycin
 Vector: pCMV6-Entry (PS100001)
 E. coli Selection: Kanamycin (25 ug/mL)
 ORF Nucleotide Sequence: >RC205707 ORF sequence
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCCGCC**CGATCGCC**

ATGGAGAAGCGTCTGCAGGAGGCTCAGCTGTACAAGGAGGAAGGGAACCAGCGCTACCGGGAAGGGAAGTACCGAGATGCTGTGAGTAGGTACCATCGAGCTCTGCTTCAGCTGCGGGGTCTGGATCCGAGTCTGCCCTCTCCGTTACCTAATCTCGGACCTCAGGGCCCGCCCTCACGCCTGAACAAGAAAACATATTGCATACCACCAGACAGACTGCTATAACAATCTAGCTGCTTGTCTCCTTCAGATGGAGCCCGTGAACACGAACGAGTGAGAGAATAGTCAGAAAGTCCTGGAACGACAGCCTGATAATGCCAAGGCCTTGATCGGGCCGGAGTGCCCTTTTTCCATCTGCAGGACTATGACCAGGCCCGCCACTACCTCCTGGCTGCCGTGAATAGGCAGCCTAAAGATGCCAACGTCCGGCGGTACCTCCAGCTGACACAGTCAGAAGTACAGCAGCTACCATAGAAAAGAGAAGCAGCTACCTGGGCATGTTTGGT

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATTACAAGGATGACGACGATAAGGTTTAA

Protein Sequence: >RC205707 protein sequence
 Red=Cloning site Green=Tags(s)

MEKRLQEAQLYKEEGNQRYREGKYRDAVSRVYHRALLQLRGLDPSLPSPLPNLGPQGPALTPEQENILHTTQTDCYNLAACLQMEPVNYERVREYSQKVLERQPDNAKALYRAGVAFFHLQDYDQARHYLLAAVNRQPKDANVRRYLQLTQSELSSVHRKEKQLYLGFMFG

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Chromatograms: https://cdn.origene.com/chromatograms/mk6427_b05.zip

Restriction Sites: SgfI-MluI



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Cloning Scheme:


ACCN: NM_173810

ORF Size: 513 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_173810.4](#)

RefSeq Size: 1156 bp

RefSeq ORF: 516 bp

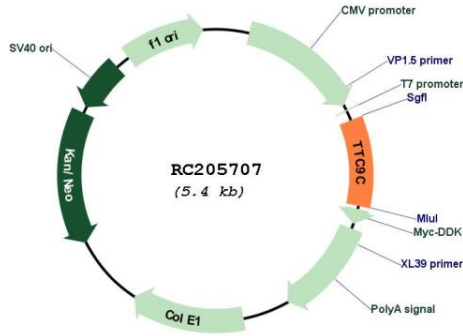
Locus ID: 283237

UniProt ID: [Q8N5M4](#)

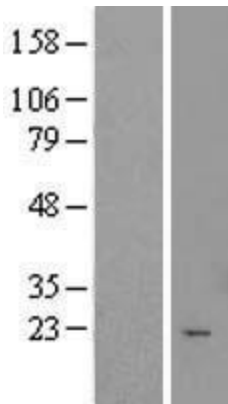
Cytogenetics: 11q12.3

MW: 20 kDa

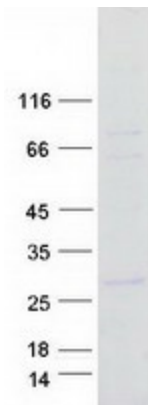
Product images:



Circular map for RC205707



Western blot validation of overexpression lysate (Cat# [LY406421]) using anti-DDK antibody (Cat# [TA50011-100]). Left: Cell lysates from untransfected HEK293T cells; Right: Cell lysates from HEK293T cells transfected with RC205707 using transfection reagent MegaTran 2.0 (Cat# [TT210002]).



Coomassie blue staining of purified TTC9C protein (Cat# [TP305707]). The protein was produced from HEK293T cells transfected with TTC9C cDNA clone (Cat# RC205707) using MegaTran 2.0 (Cat# [TT210002]).