

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)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGCC**

ATGGAGAAGCGTCTGCAGGAGGCTCAGCTGTACAAGGAGGAAGGGAACCAGCGCTACCGGGAAGGGAAGT
 ACCGAGATGCTGTGAGTAGGTACCATCGAGCTCTGCTTCAGCTGCGGGGTCTGGATCCGAGTCTGCCCTC
 TCCGTTACCTAATCTCGGACCTCAGGGCCCGCCCTCACGCCTGAACAAGAAAACATATTGCATACCACC
 CAGACAGACTGCTATAACAATCTAGCTGCTTGTCTCCTTCAGATGGAGCCCGTGAACACGACGAGTGC
 GAGAATAGTACAGAAAGTCTTGAACGACAGCCTGATAATGCCAAGGCCTTGTATCGGGCCGGAGTGGC
 CTTTTCCATCTGCAGGACTATGACCAGGCCCGCACTACCTCCTGGCTGCCGTGAATAGGCAGCCTAAA
 GATGCCAACGTCCGGCGGTACCTCCAGCTGACACAGTCAGAACTCAGCAGCTACCATAGAAAAGAGAAGC
 AGCTCTACCTGGGCATGTTTGGT

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

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

MEKRLQEAQLYKEEGNQRYREGKYRDAVSRVYHRALLQLRGLDPSLPSPLPNLGPQGPALTPEQENILHTT
 QTDCYNNLAACLQMEPVNYERVREYSQKVLERQPDNAKALYRAGVAFFHLQDYDQARHYLLAAVNRQPK
 DANVRRYLQLTQSELSSVHRKEKQLYLGFMFG

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

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

Restriction Sites: SgfI-MluI



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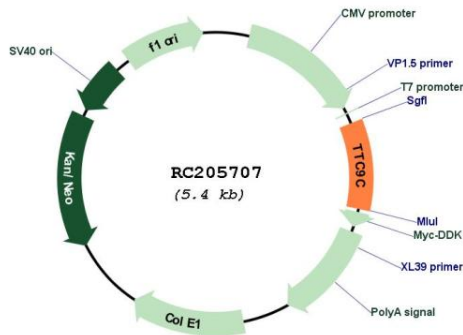
Cloning Scheme:



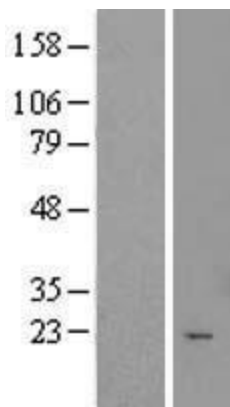
ACCN:	NM_173810
ORF Size:	513 bp
OTI Disclaimer:	The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own 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:	<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.
Note:	Plasmids are not sterile. For experiments where strict sterility is required, filtration with 0.22um filter is required.
RefSeq:	NM_173810.4
RefSeq Size:	1156 bp
RefSeq ORF:	516 bp
Locus ID:	283237

UniProt ID: [Q8N5M4](#)
 Cytogenetics: 11q12.3
 MW: 20 kDa

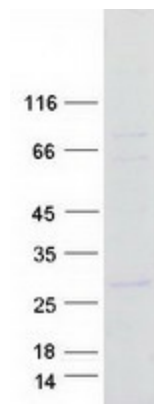
Product images:



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]).