

Product datasheet for **RC239216**

TTC14 (NM_001288582) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	TTC14 (NM_001288582) Human Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	TTC14
Synonyms:	DRDL5813; PRO19630
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



[View online »](#)

**ORF Nucleotide
Sequence:**

>RC239216 representing NM_001288582
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGACCGGGACCTTTTGCAGCAGTCGCTAAATTGCCACGGGTCGTCTTTGCTCTCTCTACTTCGGAGCG
 AACAGCAGGACAATCCACACTTCCTAGCCTCCTGGGGTCGGCCGCCGAGCCAGCCCGGGGCCCGCCGCC
 CCAGCACCCGTTGCAGGGCAGAAAAGAGAAGAGAGTTGACAACATCGAGATACAGAAATTCATCTCCAAA
 AAAGCGGATCTGCTTTTGCACCTTCTGGAAATCAGATGCACCTGCAACTTCTGAAATTAATGAAGACA
 GTGAAGATCATTATGCAATCATGCCACCTTTAGAGCAATTCATGGAGATACCTAGTATGGATCGGAGAGA
 GCTGTTTTTCCGAGATATTGAGCGTGGTGATATAGTGATTGGAAGAATTAGTTCTATTCGGGAATTCGGT
 TTTTTCATGGTGTGATCTGTTTAGGAAGTGGTATCATGAGAGATATAGCCCACTTAGAAATCACAGCTC
 TTTGTCCCTTAAGAGATGTCCCTTCTCACAGTAACCATGGGGATCCTTTATCATATTACCAAACCTGGTGA
 CATCATTCGAGCTGGAATCAAGGATATTGACAGATACCATGAAAAGCTAGCAGTATCTCTGTATAGCTCT
 TCTCTTCCACCACACCTATCTGGTATTAATAGGTGTAATTAGCTCTGAAGAGCTTCCTTTATACTACA
 GGAGAAGTGTTGAGCTAAATAGCAATTCCTTGGAGTCCTATGAAAATGTCATGCAGAGTTCCTTGGGATT
 TGTTAATCCAGGAGTAGTTGAATTCCTTCTAGAAAACTAGGAATAGATGAATCTAATCCACCATCTTTA
 ATGAGAGGCCCTACAAAGCAAAATTTCTCTGAAGATGATTTTGCTTCTGCATTGAGAAAAACAATCCG
 CATCTTGGGCTTTAAATGTGTGAAGATCGGAGTTGACTATTTTAAAGTTGGACGCCATGTGGATGCTAT
 GAATGAATACAATAAAGCTTTGGAATAGACAAACAAACGTTGGAAGCTTTGGTAGCTCGTGGAGCATT
 TATGCGACAAAAGGAAGTTTGAACAAAGCAATAGAAGATTTTGAAGCTTGCATTAGAAAACGTCCAACCTC
 ACAGAAATGCAAGAAAATACCTCTGCCAGACACTTGTAGAGAGAGGAGGACAGTTAGAAGAAGAAAA
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 GCTTTCAGAAAATTCATAAATATATGCAGAAATCTTTGGAATTAAGAGAAAAACAAGCTGAAAAGGAAG
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 GCTAAAGAGAAAAGAAGAAAATCAACTTCTTCTCAAGTGTTTCTTCTGCTGATGAATCAGTGTCTTCA
 TCATCATCCTCTTCTCTTCTGGTCACAAAAGGCATAAGAAACATAAGAGGAACCGTTCAGAGTCTTCTC
 GCAGTTCAGAAAGCATTATCTAGGGCATCTCAATCAGATAGATCAGAAAGGAGATGAGTGCTA
 CCCAGTTCAGCTAATACTTCAGCATCTTTTCTTAACCATAAACAAGAAGTGGAGAACTACTGGGGAAG
 CAGGATAGGTTACAGTATGAAAAGACACAGATAAAAGAGAAAGATAGATGCCCTCTCTTCTCATCTTCAC
 TTGAAATACCGGATGATTTTGGAGTGTACTCCTATTTATTTAAAAAGTTAACTATAAAACAGCCTCAGGC
 AGGTCCTTCAGGAGATATTCCAGAAGAGGGCATTGTTATCATAGATGACAGCTCCATTATGTTACTGAC
 CCTGAAGACCTTCAAGTGGGACAAGATATGGAGGTGGAAGACAGTGGTATTGATGATCCTGACCACGGG

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence: >RC239216 representing NM_001288582
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MDRDLLRQSLNCHGSSLLSLRSEQQDNPHFRSLLGSAAEPARGPPPQHPLQGRKEKRVDNIEIQKFISK
 KADLLFALSWKSDAPATSEINEDSEDHYAIMPPELQFMEIPSMRRELFRDIERGDIVIGRISSIREFG
 FFMVLICLGGIMRDIHLEITALCPLRDVPSHSNHGDPLSYYQTGDIIRAGIKDIDRYHEKLAVSLYSS
 SLPPHLSGIKLGVISSEELPLYRRSVELNSNSLESYENVMQSSLGFVNPGVVEFLLEKLGIDESNPPSL
 MRGLQSKNFSEDDFASALRKKQSASWALKCVKIGVDYFKVGRHVDAMNEYNKALEIDKQNVREALVARGAL
 YATKGSNLKAIEDFELALENCPTHRNARKYLCQTLVERGGQLEEEEFNLNAESYYKKALALDETFKDAED
 ALQKLHKYMQSLELREKQAEKEEKQTKKIETSAEKLRLKKEEKRLKKRRKSTSSSVSSADESVSS
 SSSSSSGHKRHKHKRNRSESSRRHSSRASNQIDQNRKDECYPVPANTSASFNLHKQEVEKLLGK
 QDRLQYEKTIKEKDRCLSSSLEIPDDFGVYSYLFKKLTIKQPQAGPSGDIPEEGIVIIDDSSIHVTD
 PEDLQVGQDMEVEDSGIDDPDHG

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites:

SgfI-MluI

Cloning Scheme:



ACCN: NM_001288582

ORF Size: 1959 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.

Note: Plasmids are not sterile. For experiments where strict sterility is required, filtration with 0.22um filter is required.

RefSeq: NM_001288582.2

RefSeq Size: 2881 bp

RefSeq ORF: 1962 bp

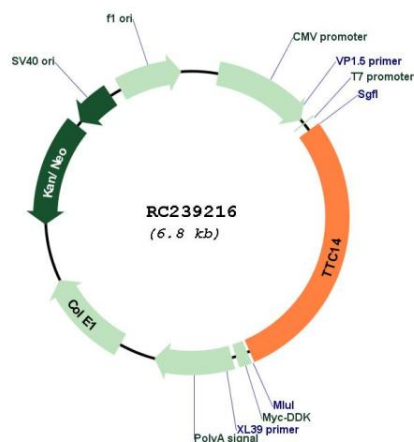
Locus ID: 151613

UniProt ID: Q96N46

Cytogenetics: 3q26.33

MW: 74.3 kDa

Product images:



Circular map for RC239216