

Product datasheet for **RC221403**

C14orf93 (NM_021944) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	C14orf93 (NM_021944) Human Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	C14orf93
Synonyms:	RTFC
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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ORF Nucleotide Sequence:

>RC221403 representing NM_021944
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGTCCTTCAGTGCCACCATTCTTTCTCCCTCCAGTGGCAGCGAGGCCAGATGCTGCTGCTGCGCCT
 GTAAGAGTGAGACTAATGGAGGCAACACAGGCTCCAGGGTGGGAATCCTCCTCCAGCACCCCCATCAC
 AGTGACTGGACATGGCTTGGCTGTTTCAGAGCTCAGAGCAGCTCCTGCATGTTATCTACCAGCGGGTCGAT
 AAGGCAGTGGGTTTGGCTGAAGCTGCTCTGGTCTTGCCAGGGCCAACAATGAGTTGTTAAACGCTCTCC
 AGGAGGAAGTGGGTGACCTGAGGCAAGGAAAGTGTCCATCCCTGATGAAGATGGGGAAAGCCGGGCACA
 TAGTTCCCACTGAGGAGCCTGGGCTCTCAAGGAAAGTCCCGGGAAGCCTTTAAGGCTCTGTCTGCC
 GTGAAGAGGAGTGTGACAGCGTGGCAGCGCGTGCAGGTGGTATTGAGGAGCTGCGGCAGCTGGGAG
 CAGCCTCAGTGGGCTGGGCTTTGGCTTCCAGCAACTCAGAGGACATGCGGCTCCAGGGTGCAC
 GCTGGCTGCCAGCGAGGGCGCCCTGCTCAATCCTCTGGTGGATGATTACGTGCCTCTGAGGGTGA
 GTACAGCGAGTTCGGTCCCTGCTTATGCCAAGCAACTCTCACCAGCCACACAACCTGGCAATCCAGCGGG
 CAACCCAGAGACAGGACCAGAAAATGGAACCAAGCTGCCACCACCCCGCCTGAGGACATGCTCAATGC
 CGCTGCTGCGCTGGACAGTGCCTTGAAGAGTCAAGCCCTGGGAGCACTGGGAGCTGAGACACTCTTA
 GGGCTGACCGTTTCCCATGACAGGACCAGGAAGTGGGAGAAAGAACTCCAGGCGCAAGCGGGATCTTG
 TACTCTTAAACTGGTCCACAATGTGCATAACCACATACCAATGACAAGAGATTCAATGGGTCTGAAA
 CATCAAGTCTCTTGAATATTTTCAGTAGTGAAGTTTCTTCTGGAAAAGCTCAAGCAAGAGCTGGTGACC
 AGTCCCAACAATTACACTGATAAGGAGCTAAAAGGAGCCTGTGTGGCCTACTTCTTACTAAGAGCGTG
 AGTACCGCAACTCCCTGAACCCCTTTAAGGCTGAAGGAAAAGAGGAGAAGAACTCGAAGTCCGCG
 ATATCGGCTTTTGGCAACCGATCCAGTATCATGAGGCATTTGGACCTGAGGACCAACGCTCTGTGGAAT
 GATGTGACAGAGAACTGATGTCAGATGAAGAGGACAGTCTTAACGAGCCAGGTGTGTGGTGGCCCGCC
 CTCCCGTTTCCGGGCCAGCGCTCACAGAGCTCTGCTACCACCTGGATGCTAACTCTAAGCATGGCAC
 CAAAGCCAACCGTGTGTATGGGCTCCCTCAGACAGACTGCCTTCTGCTGAAGCCAGCTCCTTCCACCA
 GAACCTTACAATCTAATTTCCAAGAAGAGGAAGATGAGGGAGGGGATGAGAATGCACCTGGCTCCCAT
 CTTTTGACCAACCCACAAAACCTGCTGTCTGACTTGAACTCATTGAAATCAAGGTGAAAAGGA
 TGA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>RC221403 representing NM_021944
 Red=Cloning site Green=Tags(s)

MSFSATILFSPPSGSEARCCCACKSETNGGNTGSQGNPPPSTPITVTGHGLAVQSSEQLLHVYQVRVD
 KAVGLAEALGLARANNELLKRQEEVGDLRQKVSIPDEDEGSRAHSSPPEEPGLKESPGAEAFKALSA
 VEEECDSVSGSVQVVEELRQLGAASVGPGLGFPATQRDMRLPGCTLAASEAAPLLNPLVDDYVASEGA
 VQRVLPAYAKQLSPATQLAIQRATPETGPENGTKLPPRPEDMLNAAAALDSALEESGPGSTGELRHSL
 GLTVSPCRTRGSGQKNSRRKRDVL SKL VHNVNHITNDKRFNGSESIKSSWNI SVVKFLLEKQELVT
 SPHNYTDKELKGACVAYFLTKRREYRNSLNPFKLKEKEEKLRSRRYRLFANRSSIMRHF GPEDQRLWN
 DVTEELMSDEEDSLNEPGVWVARPPRFRAQRL TELCYHLDANSKHGTKANRVYGGPPSDRLPSAEQLLPP
 ELYNPNFQEEDEGGDENAPGSPSFDQPHKTCPPDLNSFIEIKVEKDE

TRTRPLEQKLI SEEDLAANDILDYKDDDDKV

Chromatograms:

https://cdn.origene.com/chromatograms/ja1410_a04.zip

Restriction Sites:

SgfI-MluI

Cloning Scheme:


ACCN: NM_021944

ORF Size: 1614 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_021944.4](#)

RefSeq Size: 2430 bp

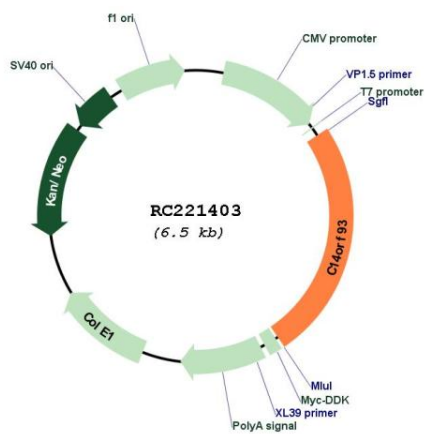
RefSeq ORF: 1617 bp

Locus ID: 60686

UniProt ID: [Q9H972](#)

Cytogenetics: 14q11.2
 Protein Families: Secreted Protein
 MW: 58.7 kDa

Product images:



Circular map for RC221403