

## Product datasheet for **RC225922**

### **C14orf93 (NM\_001130708) Human Tagged ORF Clone**

#### **Product data:**

Product Type:	Expression Plasmids
Product Name:	C14orf93 (NM_001130708) 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:**

>RC225922 ORF sequence  
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**GCGATCGCC**

ATGTCCTTCAGTGCCACCATTCTCTTCCCTCCAGTGGCAGCGAGGCCAGATGCTGCTGCTGCGCCT  
 GTAAGAGTGAGACTAATGGAGGCAACACAGGCTCCAGGGTGGGAATCCTCCTCCAGCACCCCCATCAC  
 AGTGACTGGACATGGCTTGGCTGTTTCAGAGCTCAGAGCAGCTCCTGCATGTTATCTACCAGCGGGTCGAT  
 AAGGCAGTGGGTTTGGCTGAAGCTGCTCTGGTCTTGCCAGGGCCAACAATGAGTTGTTAAACGCTCCTC  
 AGGAGGAAGTGGGTGACCTGAGGCAAGGAAAGTGTCCATCCCTGATGAAGATGGGGAAAGCCGGGCACA  
 TAGTTCCTCCACCTGAGGAGCCTGGGCTCTCAAGGAAAGTCCCGGGAAGCCTTTAAGGCTCTGTCTGCC  
 GTGGAAGAGGAGTGTGACAGCGTGGCAGCGCGTGCAGGTGGTATTGAGGAGCTGCGGCAGCTGGGAG  
 CAGCCTCAGTGGGCCTGGCCTTTGGCTTCCAGCAACTCAGAGGGACATGCGCTCCAGGGTGCAC  
 GCTGGCTGCCAGCGAGGGCGCCCTGCTCAATCCTCTGGTGGATGATTACGTGCCTCTGAGGGTGA  
 GTACAGCGAGTTCGGTCCCTGCTTATGCCAAGCAACTCTCACCAGCCACACAACCTGGCAATCCAGCGGG  
 CAACCCAGAGACAGGACCAGAAAATGGAACCAAGCTGCCACCACCCCGCCTGAGGACATGCTCAATGC  
 CGCTGCTGCGCTGGACAGTGCCTTGAAGAGTCAAGCCCTGGGAGCACTGGGAGCTGAGACACTCTTA  
 GGGCTGACCGTTTCCCATGCAGGACCAGAGGAAGTGGGAGAAAGAACTCCAGGCAGCAAGCGGGATCTTG  
 TACTCTCTAAACTGGTCCACAATGTGCATAACCACATACCAATGACAAGAGATTCAATGGGTCTGAAA  
 CATCAAGTCTCTTGAATATTTTCAGTAGTGAAGTTTCTTCTGGAAAAGCTCAAGCAAGAGCTGGTGACC  
 AGTCCCCACAATTACACTGATAAGGAGCTAAAAGGAGCCTGTGTGGCCTACTTCTTACTAAGAGCGCTG  
 AGTACCGCAACTCCCTGAACCCCTTTAAGGCTGAAGGAAAAGAGGAGAAGAACTTCAAGTGCAGCG  
 ATATCGGCTTTTTGCCAACCAGTCCAGTATCATGAGGCATTTTGGACCTGAGGACCAACGCTCTGTGGAAT  
 GATGTGACAGAGAACTGATGTCAGATGAAGAGGACAGTCTTAACGAGCCAGGTGTGTGGTGGCCCGCC  
 CTCCCGTTTCCGGGCCAGCGCCTCACAGAGCTCTGCTACCACCTGGATGCTAACTCTAAGCATGGCAC  
 CAAAGCCAACCGTGTGTATGGGCTCCCTCAGACAGACTGCCTTCTGCTGAAGCCAGCTCCTTCCACCA  
 GAACCTTACAATCTAATTTCCAAGAAGAGGAAGATGAGGGAGGGGATGAGAATGCACCTGGCTCCCAT  
 CTTTTGACCAACCCACAAAACCTGCTGTCTGACTTGAACCTATTCAATGAAATCAAGGTGAAAAGGA  
 TGAA

**ACGCGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

**Protein Sequence:**

>RC225922 protein sequence  
 Red=Cloning site Green=Tags(s)

MSFSATILFSPPSGSEARCCCACKSETNGGNTGSQGNPPPSTPITVTGHGLAVQSSEQLLHVYIQRVD  
 KAVGLAEAAALGLARANNELLKRQEEVGDLRQKVSIPDEDEGSEAHSSPPEEPGLKESPGAEAFKALSA  
 VEEECDSVSGSVQVVEELRQLGAASVGPGLGFPATQRDMRLPGCTLAASEAAPLLNPLVDDYVASEGA  
 VQRVLVPAYAKQLSPATQLAIQRATPETGPENGTKLPPRPEDMLNAAAALDSALEESGPGSTGELRHSL  
 GLTVSPCRTRGSGQKNSRRKRDVL SKL VHNVNHITNDKRFNGSESIKSSWNI SVVKFLLEKQELVT  
 SPHNYTDKELKGACVAYFLTKRREYRNSLNPFKLKEKEEKKLSRRYRLFANRSSIMRHF GPEDQRLWN  
 DVTEELMSDEEDSLNEPGVWVARPPRFRAQRL TELCYHLDANSKHGTKANRVYGGPPSDRLPSAEAQLLPP  
 ELYNPNFQEEDEGGDENAPGSPSFDQPHKTCPPDLNSFIEIKVEKDE

**TR**TRPLEQKLI SEEDLAANDILDYKDDDDKV

**Chromatograms:**

[https://cdn.origene.com/chromatograms/ja1410\\_a04.zip](https://cdn.origene.com/chromatograms/ja1410_a04.zip)

**Restriction Sites:**

Sgfl-MluI

**Cloning Scheme:**


**ACCN:** NM\_001130708

**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\\_001130708.3](#)

**RefSeq Size:** 2184 bp

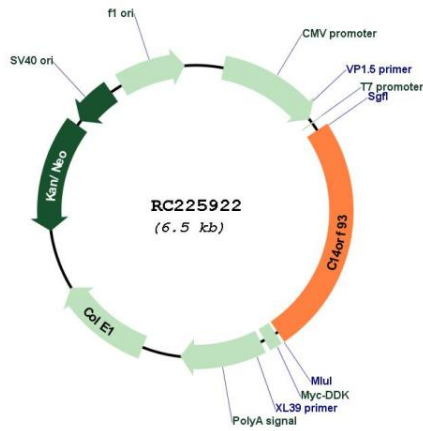
**RefSeq ORF:** 1617 bp

**Locus ID:** 60686

**UniProt ID:** [Q9H972](#)

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

**Product images:**



Circular map for RC225922