

Product datasheet for **RC238576**

C14orf93 (NM_001282970) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	C14orf93 (NM_001282970) Human Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	C14orf93
Synonyms:	RTFC
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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ORF Nucleotide Sequence:

>RC238576 representing NM_001282970
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**GCGATCGCC**

ATGTCCTTCAGTGCCACCATTCTTCTCCCTCCCAGTGGCAGCGAGGCCAGATGCTGCTGCTGCGCCT
 GTAAGAGTGAGACTAATGGAGGCAACACAGGCTCCCAGGGTGGGAATCCTCCTCCAGCACCCCCATCAC
 AGTGACTGGACATGGCTTGGCTGTTTCAGAGCTCAGAGCAGCTCCTGCATGTTATCTACCAGCGGGTCGAT
 AAGGCAGTGGGTTTGGCTGAAGCTGCTCTGGTCTTGCCAGGGCCAACAATGAGTTGTTAAACGCTCCTCC
 AGGAGGAAGTGGGTGACCTGAGGCAAGGAAAGTGTCCATCCCTGATGAAGATGGGGAAAGCCGGGCACA
 TAGTTCCCACCTGAGGAGCCTGGGCTCTCAAGGAAAGTCCCGGGAAGCCTTTAAGGCTCTGTCTGCC
 GTGGAAGAGGAGTGTGACAGCGTGGCAGCGCGTGCAGGTGGTATTGAGGAGCTGCGGCAGCTGGGAG
 CAGCCTCAGTGGGCTGGGCTTTGGCTTCCAGCAACTCAGAGGACATGCGGCTCCAGGGTGCAC
 GCTGGCTGCCAGCGAGGCGGCCCCCTGCTCAATCCTCTGGTGGATGATTACGTGGCCTCTGAGGGTGCA
 GTACAGCGAGTTCGGTCCCTGCTTATGCCAAGCAACTCTCACCAGCCACACAACCTGGCAATCCAGCGGG
 CAACCCAGAGACAGGACCAGAAAATGGAACCAAGCTGCCACCACCCCGCCTGAGGACATGCTCAATGC
 CGCTGCTGCGCTGGACAGTGCCTTGAAGAGTCAAGCCCTGGGAGCACTGGGAGCTGAGACACTCTTA
 GGGCTGACCGTTTCCCATGCAGGACCAGGAAGTGGGAGAAAGAACTCCAGGCGCAAGCGGGATCTTG
 TACTCTTAAACTGGTCCACAATGTGCATAACCACATACCAATGACAAGAGATTCAATGGGTCTGAAAG
 CATCAAGTCTCTTGAATATTTTCAGTAGTGAAGTTTCTTCTGGAAAAGCTCAAGCAAGAGCTGGTGACC
 AGTCCCCACAATTACTGTATAAGGAGCTAAAAGGAGCCTGTGTGGCCTACTTCTTACTAAGAGCGCTG
 AGTACCGCAACTCCCTGAACCCCTTTAAGGCTGAAGGAAAAGAGGAGAAGAACTCGAAGTGGCCG
 ATATCGGCTTTTTGCCAACCAGTCCAGTATCATGAGGCATTTTGGACCTGAGGACCAACGCTCTGTGGAAT
 GATGTGACAGAGAACTGATGTCAGATGAAGAGGACAGTCTTAACGAGCCAGACAGACTGCCTTCTGCTG
 AAGCCAGCTCCTCCACCAGAAGTTTACAATCCTAATTTCCAAGAAGAGGAAGTGAAGGAGGGGATGA
 GAATGCACCTGGCTCCCATCTTTGACCAACCCACAAAACCTGCTGCTCCTGACTTGAACCTATTATT
 GAAATCAAGGTGGAAAAGGATGAA

ACGCGTACGCGGCCGCTCGAGCAGAAAACCTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>RC238576 representing NM_001282970
 Red=Cloning site Green=Tags(s)

MSFSATILFSPPSGSEARCCCKSETNGGNTGSQGGNPPSTPITVTGHGLAVQSSEQLLHVYQVRVD
 KAVGLAEALGLARANNELKRLQEEVGDLRQGVKVSIPDEGDGSAHSSPPEEPGLKESPGAEAFKALSA
 VEEECDSVSGVQVVEELRQLGAASVGPGLGFPATQRDMRLPGCTLAASEAAPLLNPLVDDYVASEGA
 VQRVLPAYAKQLSPATQLAIQRATPETGPENGTKLPPRPEDMLNAAAALDSALEESGPGSTGELRHS
 GLTVSPCRTRGSGQKNSRRKRDVL SKL VHNHNHITNDKRFNGSESIKSSWNI SVVKFLLEKQELVT
 SPHNYTDKELKGACVAYFLTKRREYRNSLNPFKGLKEKEEKLRSRRYRLFANRSSIMRHFQPEDQRLWN
 DVTEELMSDEEDSLNEPDRLPSAEQLLPEL YNPNFQEEDEGGDENAPGSPSFDQPHKTCPPDLNSFI
 EIKVEKDE

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites:

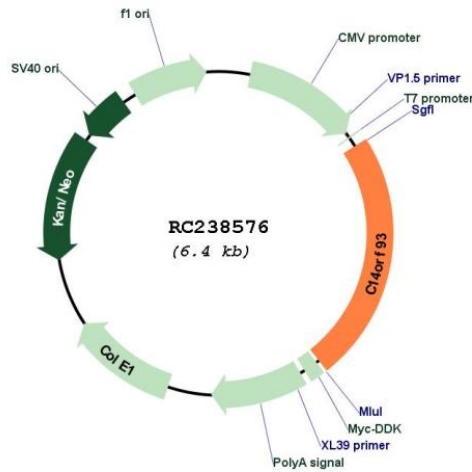
SgfI-MluI

Cloning Scheme:

Cloning sites used for ORF Shuttling:



* The last codon before the Stop codon of the ORF

Plasmid Map:


ACCN: NM_001282970

ORF Size: 1494 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_001282970.2](#)

RefSeq Size: 2310 bp

RefSeq ORF: 1497 bp

Locus ID: 60686

UniProt ID: [Q9H972](#)

Cytogenetics: 14q11.2

Protein Families: Secreted Protein

MW: 54.6 kDa