

## Product datasheet for RC237708

### C14orf93 (NM\_001282969) Human Tagged ORF Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	C14orf93 (NM_001282969) 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
ORF Nucleotide Sequence:	>RC237708 representing NM_001282969 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCCGCGATCGCC

ATGCGGCTCCAGGGTGCACGCTGGCTGCCAGCGAGGCGGCCCCCTGCTCAATCCTCTGGTGGATGATT  
ACGTGGCCTCTGAGGGTGCAGTACAGCGAGTTCTGGTCCCTGCTTATGCCAAGCAACTCTCACCAGCCAC  
ACAACCTGGCAATCCAGCGGGCAACCCAGAGACAGGACCAGAAAATGGAACCAAGCTGCCACCACCCCGC  
CCTGAGGACATGCTCAATGCCGCTGCTGCGCTGGACAGTGCCTTGAAGAGTCAAGCCCTGGGAGCACTG  
GGGAGCTGAGACACTCTTAGGGCTGACCGTTTCCCCATGCAGGACCAGAGGAAGTGGGCAGAAGAAGT  
CAGGCGCAAGCGGGATCTTGTACTCTCTAAACTGGTCCACAATGTGCATAACCACATACCAATGACAAG  
AGATTCATGGGTCTGAAAGCATCAAGTCTCTTGAATATTTTCAGTAGTGAAGTTTCTTCTGAAAAAGC  
TCAAGCAAGAGCTGGTGACCAGTCCCCACAATTACACTGATAAGGAGCTAAAAGGAGCCTGTGTGGCCTA  
CTTCTTACTAAGAGGCGTGAGTACCGCAACTCCCTGAACCCCTTAAAGGCCTGAAGGAAAAAGAGGAG  
AAGAACTTCGAAGTCGCCGATATCGGCTTTTGGCAACCGATCCAGTATCATGAGGCATTTTGGACCTG  
AGGACCAACGCTGTGGAATGATGTGACAGAGGAAGTGTGATGATGAGGAGGACAGTCTTAACGAGCC  
AGGTGTGTGGGTGGCCCGCCTCCCGTTTCCGGGCCAGCGCCTCACAGAGCTGCTACCACCTGGAT  
GCTAACTTAAGCATGGCACAAAGCAACCGTGTGTATGGGCCTCCCTCAGACAGACTGCCTTCTGCTG  
AAGCCAGCTCCTCCACCAGAAGTTTACAATCTAATTTCCAAGAAGAGGAAGTGAAGGGAGGGGATGA  
GAATGCACCTGGCTCCCATCTTTTACCACCCCAAAAACCTGCTGTCTGACTTGAACCTATTATT  
GAAATCAAGGTGGAAAAGGATGAA

ACGCGTACGCGGCCGCTCGAGCAGAAAACCTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT  
ACAAGGATGACGACGATAAGGTTTAA



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**Protein Sequence:** >RC237708 representing NM\_001282969  
 Red=Cloning site Green=Tags(s)

MRLPGCTLAASEAAPLLNPLVDDYVASEGAVQRVLPAYAKQLSPATQLAIQRATPETGPENGTKLPPPR  
 PEDMLNAAAALDSALEESGPGSTGELRHSLGLTVSPCRTRGSGQKNSRRKRDLVLSKLVHNVHNIITNDK  
 RFNGSESIKSSWNI SVVKFLLEKLKQELVTSPhNYTDKELKGACVAYFLTKRREYRNSLNPFKGLKEKEE  
 KKLRSRRYRLFANRSSIMRHFGPEDQRLWNDVTEELMSDEEDSLNEPGVWVARPPRFRAQRLTELCYHLD  
 ANSKHGTKANRVYGPSPDRLPsAEaQLLPPELYNPNFQEEEDGGDENAPGSPSFDPHKTCPCDLNSFI  
 EIKVEKDE

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

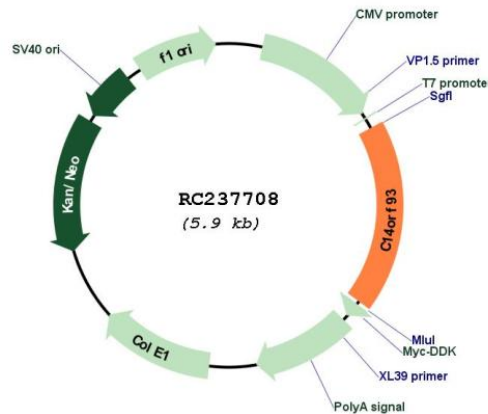
**Restriction Sites:**

SgfI-MluI

**Cloning Scheme:**



**Plasmid Map:**



**ACCN:** NM\_001282969

<b>ORF Size:</b>	1074 bp
<b>OTI Disclaimer:</b>	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. <a href="#">More info</a>
<b>OTI Annotation:</b>	This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.
<b>Components:</b>	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).
<b>Reconstitution Method:</b>	<ol style="list-style-type: none"><li>1. Centrifuge at 5,000xg for 5min.</li><li>2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.</li><li>3. Close the tube and incubate for 10 minutes at room temperature.</li><li>4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.</li><li>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.</li></ol>
<b>RefSeq:</b>	<a href="#">NM_001282969.1</a> , <a href="#">NP_001269898.1</a>
<b>RefSeq Size:</b>	1850 bp
<b>RefSeq ORF:</b>	1077 bp
<b>Locus ID:</b>	60686
<b>UniProt ID:</b>	<a href="#">Q9H972</a>
<b>Cytogenetics:</b>	14q11.2
<b>Protein Families:</b>	Secreted Protein
<b>MW:</b>	40.6 kDa