

## Product datasheet for RC227912

### C2orf72 (NM\_001144994) Human Tagged ORF Clone

#### Product data:

**Product Type:** Expression Plasmids  
**Product Name:** C2orf72 (NM\_001144994) Human Tagged ORF Clone  
**Tag:** Myc-DDK  
**Symbol:** C2orf72  
**Vector:** pCMV6-Entry (PS100001)  
**E. coli Selection:** Kanamycin (25 ug/mL)  
**Cell Selection:** Neomycin  
**ORF Nucleotide Sequence:** >RC227912 representing NM\_001144994  
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCCCGCATCGCC

ATGGAGCGCGAGCTGGAGGCGCTGGCGGCCCGGCTTGCGCGCCCTGCCGAGCCGCCCTCCAGGCGTTGG  
TGGAAGCGGGGGGGCGCGGGCAGGTGCTGCTGGTGGGCGAGCTGTGGGAGCGGAACAGAGCCGCGC  
GCTGCTGCGGGACTTCGCACGGGCGGTGTCCCGCCGAGCCAGGCGCGCCAAGCCGGGCGCGCGCG  
GCAGAGGGCGCGGGGCCCGGGCGCGCGGGGCGCAGAGGGCGCGAGGGCGGCTGGGCGCGCGGGG  
CGGCGGGCGGGCGCGCGGCCATCCGCTCGCCGCTGGTCTTCGTGCTGTGCCGCGCTGCTCGCTGGC  
CGCCCGGAGCCGCGGCCCGCCTGCGGGAGATGCTGCGGGACGTGCGCGGCCGCGCGGGGCCGGGGCG  
GCGCTGGTGGGGTGTGGTGGCCGAGGCCGGCCAGAGGACGCGGTGGCGCCGGGGCTGCGGCTGCTGG  
AGGCGCTGTTGCGCGCCGTGTTGCGCCGACAGCGGGGGGGCCCGTGCAGGCGGCCCGCTACTGCCCGG  
CCTCCCGCCTCCTGCCTGGCCGTCCAGGCGGCCCGCTGCAGGGCCCTGCAAGCCCGGAGCCGGGCAA  
CCAGTGAAGGAGCCTGGGAGAGGCCAGGCCTCCCGGACTGCTAGCCTGCTTTTCTGGGTCCCTGGA  
GCCGGAGGAAGAACCAGGATGTTGCTGCCTGCAGAAGCTCAGCTCAGGAAGACTTCCAGGAACCTGAGGA  
GGAGCTGCCACTAACAGCCATATTTCCCAATGGAGACTGTGATGACCTTGAAGGGGGTCAAAGCCTGT  
GATGGAGTCGTACACACTCCTGCTGAGCCACCGGAGACTCAAGA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
ACAAGGATGACGACGATAAGGTTTAA



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**Protein Sequence:** >RC227912 representing NM\_001144994  
 Red=Cloning site Green=Tags(s)

MERELEALAARLARPAEPPFQALVEAAGGRQVLLVGELWEREQSRALLRDFARAVFPPEPGAAPGGAA  
 AEGAGPGAARGAQRARAAGAAGAAAAAARAIRSPLVFLCRASSLAAREPRRRLREMLRDVGRRRRAGA  
 ALVGVLVAEAGPEDAVAPGLRLLLEALLRAVFGROAGGPVQAAAAYCPGLPASCLAVQAAACRALQAAGAGQ  
 PVEGAWERPGLPGLLACFSWGPWSRRKNQDVAACRSSAQEDFQEPEEELPLTAIFPNGDCDDLGRGSKAC  
 DGVVHTPAEPTGDSR

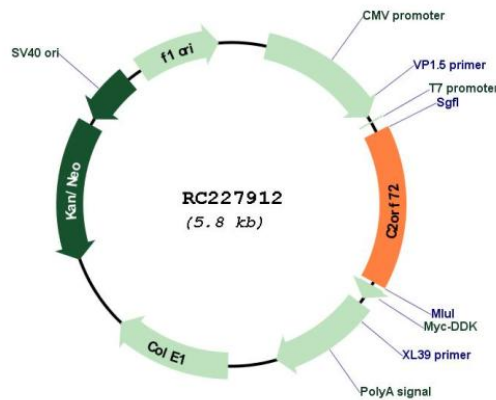
TRTRPLEQKLISEEDLAANDILDYKDDDDKV

**Restriction Sites:** SgfI-MluI

**Cloning Scheme:**



**Plasmid Map:**



**ACCN:** NM\_001144994

<b>ORF Size:</b>	885 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_001144994.2</a>
<b>RefSeq ORF:</b>	888 bp
<b>Locus ID:</b>	257407
<b>UniProt ID:</b>	<a href="#">A6NCS6</a>
<b>Cytogenetics:</b>	2q37.1
<b>MW:</b>	30.3 kDa