

## Product datasheet for RR211465

### Clic4 (NM\_031818) Rat Tagged ORF Clone

#### Product data:

**Product Type:** Expression Plasmids  
**Product Name:** Clic4 (NM\_031818) Rat Tagged ORF Clone  
**Tag:** Myc-DDK  
**Symbol:** Clic4  
**Vector:** pCMV6-Entry (PS100001)  
**E. coli Selection:** Kanamycin (25 ug/mL)  
**Cell Selection:** Neomycin  
**ORF Nucleotide Sequence:** >RR211465 representing NM\_031818  
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCCCGATCGCC

ATGGCGCTGTCGATGCCCTGAACGGACTGAAGGAGGAGGACAAAGAGCCCTCATCGAGCTCTTCGTCA  
AGGCCGGCAGTGATGGTGAGAGCATAGGAAACTGCCCTTTTCACAGAGGCTCTTCATGATTTGTGGCT  
CAAAGGAGTCGTGTTCAAGTGTACCACCGTTGACCTGAAAAGGAAGCCTGCACATCTGCAGAACTGGCT  
CCTGGGACCCACCCACCATTTATAACCTTCAACAGCGAAGTCAAAACGGATGTAATAAGATTGAGGAAT  
TTCTTGAAGAAGTCTTGTGCCACCCAAGTACTTAAAGCTCTCACAAAAACCCAGAGTCAAACACTGC  
TGGGATGGACATCTTGGCAAGTCTCTGCGTACATCAAGAACTCAAGACCAGAGGCTAATGAAGCACTG  
GAGAGGGGCTCTTGAACCGTGCAGAAGCTGGATGAGTACCTGAATTCTCCCTCCCTGGCGAAATCG  
ATGAGAACAGCATGGAGGACATCAAATCGTCCACACGCAGTTTCTGGACGGCGACGAGATGACATTAGC  
AGACTGCAACCTGCTGCCAAGCTTACATTGTCAAGGTGGTGGCAAAAAATACCGCAACTTTGACATT  
CCCAAAGGCATGACGGGCATCTGGAGATACCTGACAAACGCCTACAGTAGGGATGAGTTCACCAACACCT  
GTCCCAGCGACAAGGAGGTGAAATCGCGTACAGTGACGTGCCAAGAGACTTACCAAG

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
ACAAGGATGACGACGATAAGGTTTAA

**Protein Sequence:** >RR211465 representing NM\_031818  
Red=Cloning site Green=Tags(s)

MALSMPLNGLKEEDKEPLIELFVKAGSDGESIGNCPFSQRLFMILWLKGVVFSVTTVDLKRKPAHLQNLA  
PGTHPPFITFNSEVKTDVNKIEEFLEEVLCPPKYLKLSPKHPESNTAGMDIFAKFSAYIKNSRPEANEAL  
ERGLLKTQLDEYLN SPLPGEIDENS MEDIKSSTRRFLDGD EMTLADCNLLPKLHIVKVVAKKYRNFDI  
PKGMTGIWRYLTNAYS RDEFTNTCPSDKEVEIAYS DVAKRLTK

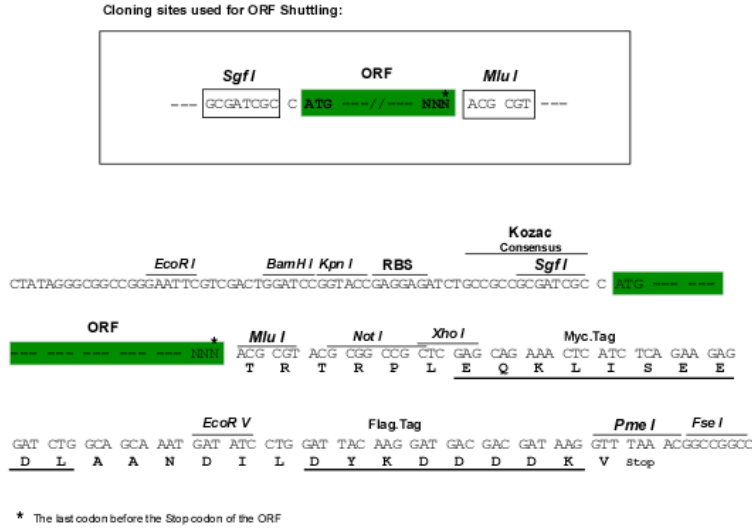
TRTRPLEQKLI SEEDLAANDILDYKDDDDKV



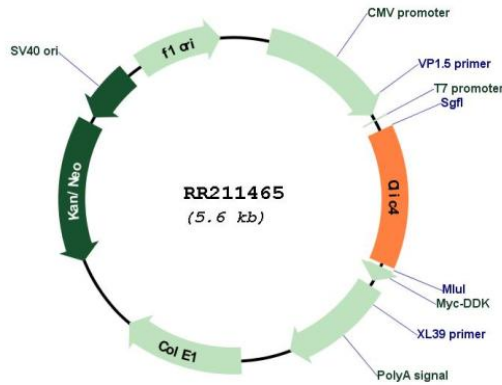
[View online »](#)

Restriction Sites: SgfI-MluI

Cloning Scheme:



Plasmid Map:



ACCN: NM\_031818

ORF Size: 759 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.

<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>	<u><a href="#">NM_031818.1</a></u> , <u><a href="#">NP_114006.1</a></u>
<b>RefSeq Size:</b>	762 bp
<b>RefSeq ORF:</b>	762 bp
<b>Locus ID:</b>	83718
<b>UniProt ID:</b>	<u><a href="#">Q9Z0W7</a></u>
<b>Cytogenetics:</b>	5q36
<b>MW:</b>	28.6 kDa
<b>Gene Summary:</b>	a plasma membrane chloride anion channel [RGD, Feb 2006]