

Product datasheet for RR213947

Clic1 (NM_001002807) Rat Tagged ORF Clone

Product data:

Product Type: Expression Plasmids
Product Name: Clic1 (NM_001002807) Rat Tagged ORF Clone
Tag: Myc-DDK
Symbol: Clic1
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
ORF Nucleotide Sequence: >RR213947 representing NM_001002807
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGCC**

ATGGCTGAAGAACAACCTCAGGTCGAATTGTTTCGTGAAGGCTGGGAGTGATGGCCCAAGATTGGGAAC
 GCCCTTCTCCCAGAGACTGTTTCATGGTGTGGCTCAAGGGAGTCACCTTCAACGTTACCACCGTGA
 ACCAAGAGACGGACAGAGACGGTACAGAAGCTTGGCCCGTGGGCAGCTCCCGTTCCTGCTCTACGGC
 ACCGAAGTGACACAGATACCAACAAAATCGAGGAGTTCCTGGAGGCCGTGCTGTGCCCTCCAGGTACC
 CAAAGTTGGCTGCTCTGAACCCGAATCCAACACCTCGGGGCTGGACATATTTGCCAAGTTTTCTGCCTA
 CATCAAGAACTCAAACCCGGCCCTCAATGACAACCTAGAGAAGGGACTCCTGAAAGCCCTGAAGTTCTA
 GACAATTACTTGACATCCCCCTCCCGAAGAAGTGGATGAAACCAGCGCCGAGGATGAGGGCATCTCTC
 AGAGGAAGTTTCTGGATGGCAATGAGCTCACCTGGCTGACTGCAACCTGCTGCCAAGCTTACATAGT
 CCAGGTGGTGTGCAAAAAGTACAGAGGATTCACCATCCCGGAGGCGTTCCGTGGAGTGCATCGTACTTG
 AGCAACGCTTACGCTCGGAAGAATTCGCCTCCACCTGTCCTGACGATGAAGAGATAGAGCTGCCATG
 AGCAAGTGGCCAGGGCTCTCAA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence: >RR213947 representing NM_001002807
 Red=Cloning site Green=Tags(s)

MAEEQPQVELFVKAGSDGAKIGNCPFSQRLFMVLWLKGVTFNVTTVDTKRRTETVQKLCPGQLPFLLYG
 TEVHTDTNKIEEFLEAVLCPPRYPKLAALNPESNTSGLDIFAKFSAYIKNSNPALNDNLEKLLKALKVL
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 SNAYAREEFASCPDDEEIELAYEQVARALK

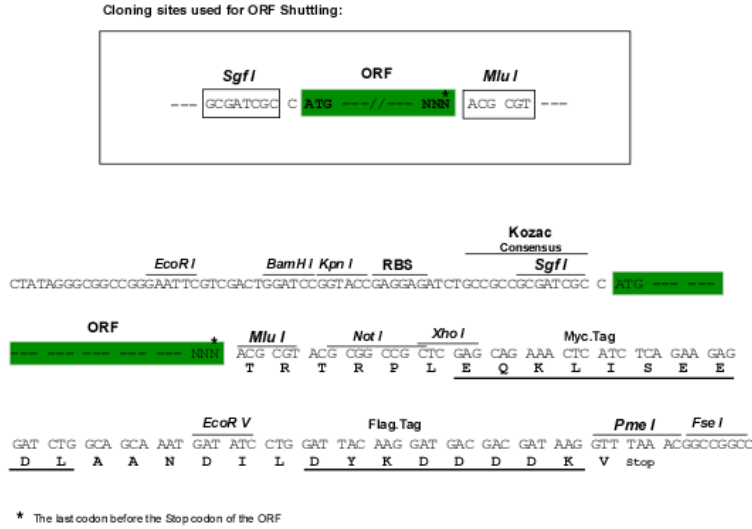
TRTRPLEQKLISEEDLAANDILDYKDDDDKV



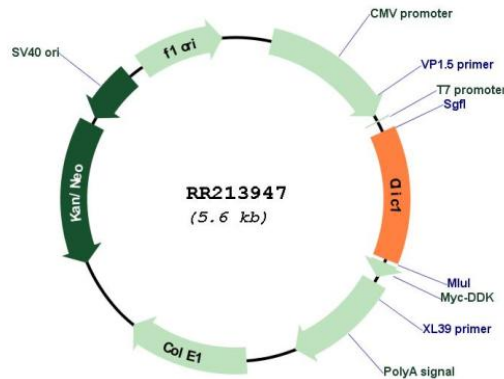
[View online »](#)

Restriction Sites: SgfI-MluI

Cloning Scheme:



Plasmid Map:



ACCN: NM_001002807

ORF Size: 723 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:	<ol style="list-style-type: none">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:	<u>NM_001002807.2</u> , <u>NP_001002807.1</u>
RefSeq Size:	1200 bp
RefSeq ORF:	726 bp
Locus ID:	406864
UniProt ID:	<u>Q6MG61</u>
Cytogenetics:	20p12
MW:	27 kDa
Gene Summary:	member of the p64 family of chloride channels; localizes primarily to the nucleus; associated with macrophage activation [RGD, Feb 2006]