

Product datasheet for **RN213947**

Clic1 (NM_001002807) Rat Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Clic1 (NM_001002807) Rat Untagged Clone
Tag: Tag Free
Symbol: Clic1
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
Fully Sequenced ORF: >RN213947 representing NM_001002807
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGGCTGAAGAACAACCTCAGGTCGAATTGTTTCGTAAGGCTGGGAGTGATGGCGCCAAGATTGGGAAC
GCCCTTCTCCAGAGACTGTTTCATGGTGTGGCTCAAGGGAGTCACCTTCAACGTTACCACCGTGGA
CACCAAGAGACGGACAGAGACGGTACAGAAGCTTTCGCCGGTGGGCAGCTCCCGTTCTGTCTACGGC
ACCGAAGTGACACAGATACCAACAAAATCGAGGAGTTCCTGGAGGCCGTGCTGTGCCCTCCAGGTACC
CAAAGTTGGCTGCTCTGAACCCGAATCCAACACCTCGGGGCTGGACATATTTGCCAAGTTTTCTGCCTA
CATCAAGAACTCAAACCCGGCCCTCAATGACAACCTAGAGAAGGGACTCCTGAAAGCCCTGAAGTTCTA
GACAATTACTTGACATCCCCCTCCCGGAAGAAGTGGATGAAACCAGCGCCGAGGATGAGGGCATCTCTC
AGAGGAAGTTTCTGGATGGCAATGAGCTCACCTGGCTGACTGCAACCTGCTGCCAAAGCTTACATAGT
CCAGGTGGTGTGCAAAAAGTACAGAGGATTCACCATCCCGGAGGCGTTCCGTGGAGTGCATCGGTACTTG
AGCAACGCTTACGCTCGGAAGAATTGCCTCCACCTGTCCTGACGATGAAGAGATAGAGCTGGCCTATG
AGCAAGTGCCAGGGCTCTCAA**TGA**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: Sgfl-MluI
ACCN: NM_001002807
Insert Size: 726 bp



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| OTI Disclaimer: | Our molecular clone sequence data has been matched to the reference identifier above as a point of reference. Note that the complete sequence of our molecular clones may differ from the sequence published for this corresponding reference, e.g., by representing an alternative RNA splicing form or single nucleotide polymorphism (SNP). |
| 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: | NM_001002807.2 , NP_001002807.1 |
| RefSeq Size: | 1200 bp |
| RefSeq ORF: | 726 bp |
| Locus ID: | 406864 |
| UniProt ID: | Q6MG61 |
| Cytogenetics: | 20p12 |
| Gene Summary: | member of the p64 family of chloride channels; localizes primarily to the nucleus; associated with macrophage activation [RGD, Feb 2006] |