

Product datasheet for **RN206014**

Clic5 (NM_053603) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Clic5 (NM_053603) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Clic5
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>RN206014 representing NM_053603 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGACGGACTCAGCGACAGCTAATGGGGACGACAGGGACCCCGAGATCGAGCTCTTCGTGAAGGCTGGCA
TCGATGGAGAGAGCATTGGCAACTGTCCTTCTCTCAGCGTCTCTTCATGATCCTCTGGCTGAAAGGAGT
CGTGTTCACGTCACCAACCGTGGATCTGAAAAGAAAGCCAGCCGATCTACACAACCTGGCTCCTGGCACA
CACCCGCCCTTCCTGACCTTCAATGGGGACGTGAAGACTGATGTCAACAAGATTGAGGAGTTCCTGGAGG
AGACCTTAACCCCTGAGAAGTACCCAACTGGCTGCAAGGCACAGGGAATCTAACACTGCGGGCATCGA
TATCTTCTCCAAGTTTTTCAGCCTACATCAAAAACACCAACAGCAGAACAATGCTGCCCTTGAGAGAGGC
CTGACAAAGGCGCTGAGGAAGCTGGATGACTACCTGAACACCCCTCTGCCAGAGGAGATTGACACCAACA
CCCATGGGGACGAGAAGGGCTCCCAGCGCAAGTTCCTGGATGGGGATGAGCTAACCTGGCCGACTGCAA
TCTACTGCCCAAACCTCCATGTGGTCAAGATTGTGGCTAAGAAGTACAGAACTATGACATCCCAGCTGAG
ATGACAGGCTTGTGGCGGTACCTCAAGAATGCCTATGCACGGGACGAGTTCACCAACACCTGTGCAGCTG
ACAGCGAGATCGAGTTGGCCTACGCAGATGTGCCAGGCGCCTCAGCCGATCC**TGA**

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites:	SgfI-MluI
ACCN:	NM_053603
Insert Size:	756 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:	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.
Note:	Plasmids are not sterile. For experiments where strict sterility is required, filtration with 0.22um filter is required.
RefSeq:	<u>NM_053603.2</u> , <u>NP_446055.1</u>
RefSeq Size:	5847 bp
RefSeq ORF:	756 bp
Locus ID:	94272
UniProt ID:	<u>Q9EPT8</u>
Cytogenetics:	9q13
Gene Summary:	voltage gated chloride channel that may play a role in kidney function [RGD, Feb 2006]