

## Product datasheet for MR202909

### Clic3 (NM\_027085) Mouse Tagged ORF Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	Clic3 (NM_027085) Mouse Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Clic3
Synonyms:	2300003G24Rik
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
ORF Nucleotide Sequence:	>MR202909 representing NM_027085 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**CGATCGCC**

ATGGCTGAAACCACCAAGCTCCAGCTCTTTGTGAAGGCCAGTGAGGATGGCGAGAGCGTAGGACTGCC  
CTTCCTGTCAGCGGCTTTCATGGTCCTACTCCTCAAGGGTGTGCCCTTCACACTCACCACAGTGGACAC  
TCGAAGGGCATTGGATGTGCTGAAGGACTTCGCACCAGGCTCACAGCTGCCATCCTGCTGTACGATGGG  
GATGTCAAGACAGACACTGCAGATCGAGGAGTTTCTGGAGGAGACGTTGGGGCCACTGACTTCCTCA  
GCCTGGCACCCAGGTACAGGGAGTCCAACACAGCGGGCAATGACATCTTCCACAAGTTCTCTGCCTTCAT  
CAAGAACCAGTGCCTACACAGGACAATGCCCTGTATCAGCAGCTGCTCCGGGCCCTGACCAGGCTGGAC  
AGCTACCTGCGTGCACTGGACCACGAAGTGGCACAGGAGCCACATCTTCGTGAGTCCCACCGCCGCT  
TTCTCGATGGTGACCAGTTCACGTTGGCTGACTGCAGTCTACTACCCAAGCTGCACATTGTGGATACCGT  
GTGTGCACACTCCGCCAGCTGCCATCCCCGCGGAAGTGCCTGCGTTCGTGCTACTTGGACAGTGGC  
TTGCAGAAGAAGGAGTTCAAGTATACGTGTCCACACAGCGCAGAGATCCTGGCTGCCTACCAGCCTGCTG  
GCACCCCGT

**ACGCGT**ACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
ACAAGGATGACGACGATAAGGTTTAA

Chromatograms: [https://cdn.origene.com/chromatograms/mm9078\\_c03.zip](https://cdn.origene.com/chromatograms/mm9078_c03.zip)

Restriction Sites: Sgfl-MluI



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**Cloning Scheme:**



**ACCN:** NM\_027085

**ORF Size:** 711 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:**
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\\_027085.3](#), [NP\\_081361.1](#)

**RefSeq Size:** 799 bp

**RefSeq ORF:** 714 bp

**Locus ID:** 69454

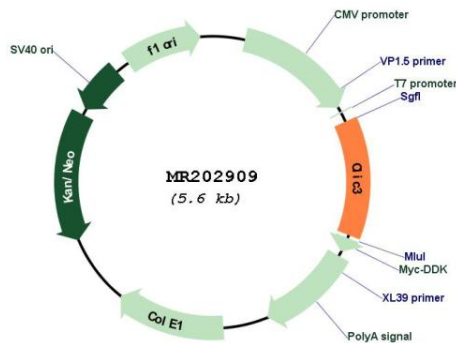
UniProt ID: [Q9D7P7](#)

Cytogenetics: 2 A3

MW: 27.3 kDa

Gene Summary: Can insert into membranes and form chloride ion channels. May participate in cellular growth control (By similarity).[UniProtKB/Swiss-Prot Function]

**Product images:**



Circular map for MR202909