

Product datasheet for **SC334750**

CLIC1 (NM_001287593) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	CLIC1 (NM_001287593) Human Untagged Clone
Tag:	Tag Free
Symbol:	CLIC1
Synonyms:	CL1C1; CLCNL1; G6; NCC27
Vector:	<u>pCMV6 series</u>
Fully Sequenced ORF:	>NCBI ORF sequence for NM_001287593, the custom clone sequence may differ by one or more nucleotides

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ATGGCTGAAGAACAACCGCAGGTCGAATTGTTTCGTGAAGGCTGGCAGTGATGGGGCCAAGATTGGGAACT
GCCCATTTCTCCCAGAGACTGTTTCATGGTACTGTGGCTCAAGGGAGTCACCTTCAATGTTACCACCGTTGA
CACCAAAAGGCGGACCGAGACAGTGCAGAAGCTGTGCCAGGGGGGCGAGCTCCCATTCTGCTGTATGGC
ACTGAAGTGCACACAGACACCAACAAGATTGAGGAATTTCTGGAGGCAGTGTGTCCTCCAGGTACC
CCAAGCTGGCAGCTCTGAACCCTGAGTCCAACACAGCTGGGCTGGACATATTTGCCAAATTTTCTGCCTA
CATCAAGAATTCAAACCCAGCACTCAATGACAATCTGGAGAAGGGACTCCTGAAAGCCCTGAAGGTTTTA
GACAATTACTTAACATCCCCCTCCCAGAAGAAGTGGATGAAACCAGTGTGAAGATGAAGGTGTCTCTC
AGAGGAAGTTTTTGGATGGCAACGAGCTCACCTGGCTGACTGCAACCTGTTGCCAAAGTTACACATAGT
ACAGGTGGTGTGTAAGAAGTACCGGGGATTCACCATCCCCGAGGCCTCCGGGGAGTGCATCGGTACTTG
AGCAATGCCTACGCCGGGAAGAATTCGCTTCCACCTGTCCAGATGATGAGGAGATCGAGCTCGCCTATG
AGCAAGTGGCAAAGGCCCTCAAATAA
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Restriction Sites:	Sgfl-Mlul
ACCN:	NM_001287593
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).



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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_001287593.1](#), [NP_001274522.1](#)

RefSeq Size: 1574 bp

RefSeq ORF: 726 bp

Locus ID: 1192

UniProt ID: [O00299](#)

Cytogenetics: 6p21.33

Protein Families: Druggable Genome, Ion Channels: Other

Gene Summary: Chloride channels are a diverse group of proteins that regulate fundamental cellular processes including stabilization of cell membrane potential, transepithelial transport, maintenance of intracellular pH, and regulation of cell volume. Chloride intracellular channel 1 is a member of the p64 family; the protein localizes principally to the cell nucleus and exhibits both nuclear and plasma membrane chloride ion channel activity. [provided by RefSeq, Jul 2008]

Transcript Variant: This variant (1) represents the longest transcript. Variants 1, 2 and 3 encode the same protein.