

Product datasheet for **SC126167**

CLIC5 (BC020923) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	CLIC5 (BC020923) Human Untagged Clone
Tag:	Tag Free
Symbol:	CLIC5
Synonyms:	chloride intracellular channel 5; chloride intracellular channel 5A; CLIC5B; dJ447E21.4; FLJ90663; MST130; MSTP130; OTTHUMP00000016538
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)



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Fully Sequenced ORF: >OriGene sequence for BC020923 edited
 AGGCTTTTAAACGAGAGGTAGAGTGACCTAGCACTAAGCAAATGAGCTGAAATGTCGGAA
 ACAGAGTCCATCAGCTTATTTGGCCACACGATCCCAAAGTATCTTTGTTGGAAATGG
 CCCTGTCTCAGCATTCCCTTCTGTGCTGGTGGGGCCAGTGAAGTCTTGATCTTATCAG
 AAAAAGGCCACACCAAGTGCAGTTTTCCAGGCTGACTTCCAGGCCCTTATCAAATGA
 AACACAGAAGCTCTTACAGTTCTGTGCCCATGGCCACTCCACAGACAGACAATACCA
 AGCATCTTAGAACTGTCATAAGATAGGTCATGCCTGAAATAGATCTTGACCATATGAGAG
 TCCCAGAAATCAGCAAGGCCTGGACAAATAGAAGTAAAGAGAGAGGCAGAGGCAGGAAGCT
 GCGGGTCTATCTTGTAAAGAGTTTAGCATCACTGTGAGAGTGTGTGTCTAAAATTAAT
 AAAGTAGAAGCAGCAGGTGAGTATTTGGTAAGTACTTCTGTGACTCGCCTCAATCCCAC
 TGGCCAGGGGCCATCTCAACTGCACGGTGAATCAAGATGCTGGTGTATCCTCCTTGAA
 AAAGGAAATGTTAACTCATGGTTAAACTAAGTACAATGATCCCAAGGGATCACTTTCT
 TATTTTTTAAATGACATTAAGGAGAATCTTAAGAAAGCATCAGAGAAAGACATGTGCAT
 GTGAAGCACCCCTGATTCTGATGTTAGGAAACTTAAGCGAACAGGACCTGCTGCACACAG
 CCCATTGTCTTATCCATTTCTTTATCATTCAAATCAAGCAACATGTGCCCTCCTC
 ATCAACACACATTCTTCCCCTTTGTGAGTATGCATCTCCAGCTTAGTGTGAGGATACTT
 TCGATTCAATAATTATGTATGATCCAAAAGTGCATAATTTCAATTAACGTTAAAGAAATA
 GATCCAATTCCTTTCTTGAACCAAAAATAAATAAAATACGTTGCCTCAATATAAGGTTT
 GGGCTATTCTGTGTTTCTATAGAAGCAATCTGTTTTGGTAAAATGACTTTTAAAGGATC
 CAGTCATCTGAAGTATTTATGTAGAGTTAGAGATTTACAATATTGACTATACATATAT
 TAAAAATATAAATATCCAGCTGATGTTGAATTTGTCTTACTTTCTGGCCACCTCGTT
 GTCCTATTTATAAGCTGGGAGTTAACTAGCTTAACAAAAGATGCTTAGCTTTTGTAAA
 AGAACAGTGTTCATTTTACAAAAGCACTCAAATGATAGTTACTTGATTTTCTCGAGA
 CCTTTAACTATGTTGATGAATAACAGGACTTGCTTTCAAGCCTTAATAAATGTAATAATGC
 CTTTTAATGAAGATACAGCTGAGTGTTCCTCATGAATCTGAACCAATTACCAATTTGT
 GTTCCAGTCTTGATTGGTATTGACTGATCAAATAAAGTTGGTTATTTTCAAATATTAA
 AAAAAAAAAAAAAAAAAAAAAAAAAAAAAA

5' Read Nucleotide Sequence: >OriGene 5' read for BC020923 unedited
 GTCAAATTTGTATACGACTCATATAGGGCGCCGCGAATTCGCCATTACGGCCAGGCTTT
 TAAACGAGAGGTAGAGTGACCTAGCACTAAGCAAATGAGCTGAAATGTCGGAAACAGAGT
 CCATCAGCTTATTTGGCCACACGATCCCAAAGTATCTTTGTTGGAAATGGCCCTGTC
 CTCAGCATTCCCTTCTTGTGCTGGTGGGGCCAGTGAAGTCTTGATCTTATCAGAAAAAGG
 CCACACCAAGTGGAGTTTTCCAGGCTGACTTCCAGGCCCTTATCAAATGAAACAACA
 GAAGCTCTTACAGTTCTGTGCCCATGGCCACTCCACAGACAGACAATACCAAGCATCT
 TAGAACTGTCATAAGATAGGTCATGCCTGAAATAGATCTTGACCATATGAGAGTCCCAGA
 AATCAGCAAGGCCTGGACAAATAGAAGTAAAGAGAGAGGCAGAGGCAGGAAGCTGCGGGT
 TATCTTGTAAAGAGTTTAGCATCACTGTGAGAGTGTGTGTCTAANATTAATTAAGTAG
 AAGCAGCAGGTGAGTATTTGGTAAGTACTTCTGTGACTCGCCTCAATCCCAGTGGCCAG
 GGGCCATCTCAACTGCACGGTGAATCAAGATGCTGGTGTATCCTCCTTGGNAAAAGGAA
 ATGTNACTCATGGTTAAACTAANGTACATGATCCCANGGGATCACTTTCTTATTTTTT
 TAAATGACATTANGGAGAATNNCTAGAAAGCATCAGAGAAAGACATGTGCATGTGAAGCA
 CCCTGATTTCTGATGTAGGAAAACCTAAGCGACAGACCTGCTGCCACAGCCCCATTGGC
 TNCATCCATTTCTTATCATTCAAATCAGCACATGTGCCCTTATCAACCACATTCTT
 CCCCTTTGTAGTTGCCTCTCCAGCTTATGGCGGATACCTCCGATCAT

Restriction Sites: Please inquire
ACCN: BC020923

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:	BC020923.1 , AAH20923.1
RefSeq Size:	1528 bp
Locus ID:	53405
Cytogenetics:	6p21.1
Protein Families:	Druggable Genome, Ion Channels: Other
Gene Summary:	This gene encodes a member of the chloride intracellular channel (CLIC) family of chloride ion channels. The encoded protein associates with actin-based cytoskeletal structures and may play a role in multiple processes including hair cell stereocilia formation, myoblast proliferation and glomerular podocyte and endothelial cell maintenance. Alternatively spliced transcript variants encoding multiple isoforms have been observed for this gene. [provided by RefSeq, Dec 2011]