

## Product datasheet for **SC323179**

### CTL5 (SLC44A5) (NM\_001130058) Human Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	CTL5 (SLC44A5) (NM_001130058) Human Untagged Clone
Tag:	Tag Free
Symbol:	CTL5
Synonyms:	CTL5
Vector:	<u>pCMV6 series</u>



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**Fully Sequenced ORF:** >NCBI ORF sequence for NM\_001130058, the custom clone sequence may differ by one or more nucleotides

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ATGAATGACACAGAAAAACCAGCAGATACTCCCTCTGAGGAAGAGGACTTTGGTGATCCA
AGGACATATGACCCAGATTTCAAGGGGCTGTTGCCAACAGGAGTTGTACAGATGTTCTG
TGCTGTATGATCTTCTACTGTGATTATTGGCTACATTGTTTTAGGACTTGTGGCCTGG
GTACATGGGGACCCAGAAGAGCAGCCTATCCTACAGACAGCCAGGGCCACTTTTGTGGC
CAGAAGGGCACTCCCAATGAGAACAAGACCATTTGTTTTACTTTAACCTGTTACGCTGT
ACCAAGTCCCTCCGTGTTGCTAAACCTACAGTGCCCTACCACACAGATCTGTGTCTCAAG
TGCCAGAAAAATTTTTAACCTATGTGGAATGCAACTTTTGTACACAAAAGACAAAAGC
TACTGGGAAGACTACCGTCAGTTCTGTAAGACCACTGCTAAGCCTGTGAAGTCTCTCACA
CAGCTTTTACTGGATGATGATTGCCAACAGCGATTTTCCCAGCAAACCTTTTCTCCAG
AGATGTTTCCCTGACTTCTACCAAAAATGGCACTTTAACAATAGGAAGTAAGATGATG
TTTCAAGATGGAATGGAGGGACAAGAAGTGTGTAGAACTCGGGATTGCTGCAAATGGT
ATCAATAAACTTCTTGATGCAAAGTCAGTTGGATTGAAAGTGTGGAAGACTATGCAAGA
ACTTGGTATTGGATTCTCATTGGCTGACGATTGCCATGGTCTTAGTTGGATATTTTTG
ATACTTCTGAGGTTTCATAGCTGGATGCCTCTTCTGGGTCTTCATGATTGGTGTGATTGGA
ATTATAGGTTATGGAATATGGCACTGTTACCAGCAGTACACCAATCTTCAGGAACGCCCA
AGTTCTGTATTAATCTATGACATCGGGATTGAGCTAACATAAGCATGTAAGTCTTTGAA
CTGCAACAAACATGGTTCACATTTATGATAAATACTCTGCATCATTGAAAGTATTGTCATC
CTCATGCTGATCTTCTCAGGAATCGAATCCGAGTCGCCATTATCCTGCTGAAGGAAGGA
AGCAAAGCCATTGGATATGTTCCAGTACATTAGTCTATCCAGCTTTAACTTTCAATTTG
CTCTCAATCTGCATTTGCTACTGGGTCGTGACAGCAGTTTTCTTGGCGACATCGGGGTA
CCTGTATACAAAAGTCATAGCTCCAGGGGGCATTGTATACATGAAAATCAAACCTGTGAC
CCAGAGATTTTTAATAACAATGAAATTGCCAAAGCTTGCCCTGGGGCTCTGTGAACTTT
GCTTTCTATGGTGAAGAGCTTGTACCATCAGTACATCCCTACCTTCCATGTATACAAC
TTATTTGCTTTTCTGGCTTATAAACTTCGTCATTGCATTAGGTGAGTGCAGTGCCTTGGT
GGTGCATTGCTACTTATTACTGGGCCATGAAAAACCTGATGACATCCCACGATATCCA
CTTTTTACTGCATTTGGACGAGCCATACGATATCACACAGGATCCCTAGCATTGGATCT
TTAATTATTGCATTAATTCAAATGTTTAAAATTGTAAGTACTAGAACTTGGACCACCGTCTT
AAACGTACCCAGAACACATTGTCTAAATCCTACAATGCTGCCTGAGATGCTGCTTCTGG
TGTTTGGAAAATGCAATAAAGTTTTTAAACAGAAATGCCTATATTATGATTGCAATATAT
GGCAGAACTTCTGCAGTGCAGCAAAAGATGCTTCAATCTGCTGATGAGAAATGTTTTG
AAAGTTGCAGTTACAGATGAAGTTACATACTTTGTATTATTCCTGGGAAACTTCTAGTT
GCTGGAAGTATAGGTGTTCTGGCCTTCTATTCTTACACAAAAGACTGCCAGTGATTGCA
CAAGGACCAGCATCTTTAAATACTACTGGGTACCTTTGCTGACAGTCATTTTGGGTCT
TACCTGATTGCACATGGGTTCTTACGCTCTATGCAATGTGTGTTGAAACAATTTTCATC
TGCTTCTTGAAGATTTAGAAAGAAATGATGGTCTACTGCAAGACCTTATTATGTGAGT
CAACCTTTGCTGAAGATTTTCCAGGAGGAAAATCCACAAACTAGGAAGCAG

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**Restriction Sites:** Please inquire

**ACCN:** NM\_001130058

**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).

**OTI Annotation:** This TrueClone is provided through our Custom Cloning Process that includes sub-cloning into OriGene's pCMV6 vector and full sequencing to provide a non-variant match to the expected reference without frameshifts, and is delivered as lyophilized plasmid DNA.

<b>Components:</b>	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).
<b>Reconstitution Method:</b>	<ol style="list-style-type: none"><li>1. Centrifuge at 5,000xg for 5min.</li><li>2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.</li><li>3. Close the tube and incubate for 10 minutes at room temperature.</li><li>4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.</li><li>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.</li></ol>
<b>RefSeq:</b>	<u>NM_001130058.1, NP_001123530.1</u>
<b>RefSeq Size:</b>	3894 bp
<b>RefSeq ORF:</b>	2154 bp
<b>Locus ID:</b>	204962
<b>UniProt ID:</b>	<u>Q8NCS7</u>
<b>Cytogenetics:</b>	1p31.1
<b>Protein Families:</b>	Transmembrane