

Product datasheet for **SC100632**

CTL5 (SLC44A5) (NM_152697) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	CTL5 (SLC44A5) (NM_152697) Human Untagged Clone
Tag:	Tag Free
Symbol:	CTL5
Synonyms:	CTL5
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL6</u>
E. coli Selection:	Ampicillin (100 ug/mL)



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Fully Sequenced ORF: >NCBI ORF sequence for NM_152697, the custom clone sequence may differ by one or more nucleotides

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ATGAATGACACAGAAAAACCAGCAGATACTCCCTCTGAGGAAGAGGACTTTGGTGATCCAAGGCATATG
ACCCAGATTTCAAGGGGCTGTGGCCAACAGGAGTTGTACAGATGTTCTGTGCTGTATGATCTTCTACT
GTGTATTATTGGCTACATTGTTTTAGGACTTGTGGCCTGGGTACATGGGGACCCAGAAGAGCAGCCTAT
CCTACAGACAGCCAGGGCCACTTTTGTGGCCAGAAGGGCACTCCAATGAGAACAAGACCATTTTGTTTT
ACTTTAACCTGTTACGCTGTACCAGTCCCTCCGTGTTGCTAAACCTACAGTGCCTACCACACAGATCTG
TGTCTCCAAGTGCCAGAAAAATTTTAACTATGTGGAATGCAACTTTTGTACACAAAAGACAAAAGC
TACTGGGAAGACTACCGTCAGTTCTGTAAGACCACTGCTAAGCCTGTGAAGTCTCTCACACAGCTTTTAC
TGGATGATGATTGTCCAACAGCGATTTTCCAGCAAACCTTTTCCAGAGATGTTTCCCTGACTTCTC
TACCAAAAATGGCACTTTAACAATAGGAAGTAAGATGATGTTTCAAGATGGAATGGAGGGACAAGAAGT
GTTGTAGAAGTCCGGATTGCTGCAAAATGGTATCAATAAACTTCTTGATGCAAAGTCACTTGGATTGAAAG
TGTTTGAAGACTATGCAAGAAGTGGTATTGGATTCTCATTGGCCTGACGATTGCCATGGTCTTAGTTG
GATATTTTGTACTTCTGAGGTTTCATAGCTGGATGCCTCTTCTGGGTCTTCATGATTGGTGTGATTGGA
ATTATAGGTTATGGAATATGGCACTGTTACCAGCAGTACACCAATCTTCAGGAACGCCAAAGTTCTGTAT
TAACTATCTATGACATCGGGATTCAGACTAACATAAGCATGACTTTGAACTGCAACAAACATGGTTCAC
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CGAGTCGCCATTATCCTGCTGAAGGAAGGAAGCAAAGCCATTGGATATGTTTCTAGTACATTAGTCTATC
CAGCTTAACTTTCAATTTGCTCTCAATCTGCATTTGCTACTGGGTCGTGACAGCAGTTTTCTTGGCGAC
ATCGGGGTACCTGTATACAAAGTCATAGCTCCAGGGGGCATTGTATACATGAAAATCAAACCTGTGAC
CCAGAGATTTTTAATACAACTGAAATTGCCAAAGCTTCCCTGGGGCTCTGTGAACTTTGCTTTCTATG
GTGAAAAGAGCTTGACCATCAGTACATCCCTACCTTCCATGTATACAACCTATTTGTCTTCTCTGGCT
TATAAACTTCGTCATTGCATTAGGTCAGTGCGCCCTTGCTGGTGCATTGCTACTTATTACTGGGCCATG
AAAAAACCTGATGACATCCCACGATATCCACTTTTACTGCATTTGGACGAGCCATACGATATCACACAG
GATCCCTAGCATTGGATCTTTAATTATTGCATTAATTCAAATGTTTAAAATTGACTAGAATACTTGGGA
CCACCGTCTTAAACGTACCCAGAACACATTGTCTAAATTCCTACAATGCTGCCTGAGATGCTGCTTCTGG
TGTTTGGAAAATGCAATAAAGTTTTTAAACAGAAATGCCTATATTATGATTGCAATATATGGCAGAACT
TCTGCAGGTGAGCAAAAAGATGCTTCAATCTGCTGATGAGAAATGTTTGGAAAGTGCAGTTACAGATGA
AGTTACATACTTTGTATTATTCCTGGGGAACTTCTAGTTGCTGGAAGTATAGGTGTTCTGGCCTCCTA
TTCTTACACAAAAGACTGCCAGTGATTGACAAGGACCAGCATCTTAAATTAATACTGGGTACCTTTGC
TGACAGTCATTTTTGGGTCTTACCTGATTGCACATGGGTCTTTCAGCGTCTATGCAATGTGTGTTGAAAC
AATTTTCACTGCTTCTGTGAAGATCTGAAAAGAAATGATGGATCTACAGAAAAACCTACTTTCGTAACC
CCTAACCTGCATGGAATTCTGATCAAGAAGCAACTAGTTCCCAAGAGCAGAAAGAGTAG
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5' Read Nucleotide Sequence:	>OriGene 5' read for NM_152697 unedited CGCCCCGTTGNCGCAAAGGGCGGTAGGCGTGTACGGTGGGAGGTCTATATAAGCAGAGCT CATTTAGGTGACACTATAGAATACAAGCTACTTGTCTTTTTGCAGCGGCCGGAATTTCG GCACGAGGAAAGCCCCCAGCATCAAGGACTCTTTTCTAAGCAACTCAAGTTTGCAGTG ATTCAGGCCTACTTCTGAAGAGACAGCCTTTTATCTCAATGAATGACACAGGTGATCCAA GGACATATGACCCAGATTTCAAGGGGCTGTTGCCAACAGGAGTTGTACAGATGTTCTGT GCTGTATGATCTTCCTACTGTGATTATTGGCTACATTGTTTTAGGACTGTGGCCTGGG TACATGGGGACCCAGAAGAGCAGCCTATCCTACAGACAGCCAGGCCACTTTTTGTGGCC AGAAGGGCACTCCAATGAGAACAAGACCATTTTGTTTTACTTTAACCTGTTACGCTGTA CCAGTCCCTCCGTATTGCTAAACCTACAGTGCCCTACCACACAGATCTGTGTCTCCAAGT GCCCAGAAAAATTTTAACTATGTGGAAATGCACTTTTGTACAAAAAGACAAAAGCT ACTGGGAAGACTACCGTCAGTTCTGTAAGACCCTGCTAAGCCTGTGAAGTCTCTCACAC AGCTTTTACTGGATGATGATTGTCCAACAGCGATTTTTCCAGCANACCTTTTCTCCAGA GATGTTTCCCTGACTTCTCTACCAAAAATGGCACTTTAACAATAGGAAGTAAGATGATGT TTCAAGATGGAAATGGNAGGACAAGAAAGTGTGTAGACTCGGNATTGCTGCCAATGTATC ATAAACTCTGATGCAAGTCACTGGATGAAAGTGTGAGACTATGCAGAACTGTATGGAT CTCATGCCTGACATGCATGGCCTTATTGAATTTGAACTCTGAGTATACTGAGCTCTCTGT CTCAGATG
Restriction Sites:	NotI-NotI
ACCN:	NM_152697
Insert Size:	4500 bp
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:	NM_152697.2 , NP_689910.1
RefSeq Size:	2302 bp
RefSeq ORF:	2160 bp
Locus ID:	204962
UniProt ID:	Q8NCS7
Cytogenetics:	1p31.1
Domains:	DUF580

Protein Families: Transmembrane