

Product datasheet for **SC100579**

KCTD18 (NM_152387) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	KCTD18 (NM_152387) Human Untagged Clone
Tag:	Tag Free
Symbol:	KCTD18
Synonyms:	6530404F10Rik
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	>OriGene ORF within SC100579 sequence for NM_152387 edited (data generated by NextGen Sequencing)

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ATGGAAGGCCACAAGGCAGAAGAAGAGGTGCTAGATGTTCTCCGACTGAACGTGGGTGGC
TGTATTTACACAGCCCGCGGGAGTCCTTGTGCCGCTTCAAGGACTCCATGTTGGCATCT
ATGTTTCAGTGGTCGCTTTCTCTAAAAACAGATGAGTCAGGGGCTTGTGTTATTGACCGT
GATGGACGTCTATTTAAATACCTTTTGGATTACCTTCATGGAGAAGTTCAGATCCCACA
GATGAGCAAACCCGCATCGCCCTACAGGAAGAGGCTGATTACTTTGGCATCCCTTATCCA
TACAGCCTGTCTGACCATTTGGCCAATGAAATGGAGACATATTCTTTAAGGTCAAATATA
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ACAGTTTGGGTTCTCCACTATCTTAACACATCTGGTGCAAGCTGTGAGAGTAGAATTATT
GGTGTATATGCCACAAAACACTGATGGAACAGACGCTATTGAAAAGCAGCTGGGAGGAAGA
ATTCACAGCAAAGGCATTTTTAAAAGAGAGGCGGAAAT AATGTTCAGTACATTTGGAGC
TATTATTCAGTAGCAGAGTTGAAGAAAATGATGGATGCCTTTGATGCTTGGGAAGGAAAA
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CCTTCCACAAGTACCAAATTAAGTCAAGAACTCGGCCTCAGTCACGGTGTCTCCAGCC
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AACTCCCTCAAGCCGCTTCCCGGGAAGCTGCCGTGCCCTGGGAGTGCGGACTGAGAAC
GGGAAGAACAAGGAAATTGA

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Clone variation with respect to NM_152387.2
998 c=>t



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5' Read Nucleotide Sequence:

>OriGene 5' read for NM_152387 unedited
 AGCATTTTGTAAATACGACTCACTATAGGGCGGCCGCAATTCGGCACGAGGCCGCCCGC
 GGCGTCCGGCGGCCGCGCCGAGGGTCTGGCGGGCCGAGAGGGAGACCAAGACATCATTG
 TTTTGAAGTTTCTGAAAGTGTGGGAGGCAAAATTCAGGTGCCTGGGGAGAAAATGGAA
 GGCCACAAGGCAGAAGAAGAGGTGCTAGATGTTCTCCGACTGAACGTGGGTGGCTGTATT
 TACACAGCCCGGGGGAGTCCTTGTGCCCTTCAAGGACTCCATGTTGGCATCTATGTTT
 AGTGGTCGCTTTCCTCTAAAAACAGATGAGTCAGGGGCTTGTGTTATTGACCGTGATGGA
 CGTCTATTTAAATACCTTTTGGATTACCTTCATGGAGAAGTTCAGATTCCACAGATGAG
 CAAACCCGCATCGCCCTACAGGAAGAGGCTGATTACTTTGGCATCCCTTATCCATACAGC
 CTGTCTGACCATTGGCCAATGAAATGGAGACATATTCTTTAAGGTCAAATATAGAACTT
 AAAAAGGCTTTAACAGACTTCTGTGATTCATATGGCTTAGTCTGCAATAAACCAACAGTT
 TGGGTTCTCCACTATCTTAACACATCTGGTGCAAGCTGTGAGAGTAGAATTATTGGTGTA
 TATGCCACAAAACACTGATGGAACAGACGCTATTGAAAAGCAGCTGGGAGGAAGAATTCAC
 AGCANAGGCATTTTTAAAAGAGAGGCGGAAATAATGTTTCAGTACATTTGGAGCTATTAT
 TCAGTAGCAGAGTTGAAGAAAATGATGGATGCCTTTGATGCTTNGAAGGAAAAGTGTA
 CTAAGCGGGTGCCTCATGAGCTGATAGAGTGTGGACTCTAGAAGAACGGCTTACTT
 GNAAGCCTGCGTCACATGCTCCATTGGAAGAGGACTGATACGTCATGAGCGACGAAGTG
 TACTATAGACTGGTCTAGCCAGTAGAT

3' Read Nucleotide Sequence:

>OriGene 3' read for NM_152387 unedited
 GGCCAGGAGAGGCACTGGGAGGGGTACAGGGATGCCACCCGGGATCTGTTTCAGGAAAC
 AGCTATGACCGCGCCGCAATCTAGAGTCGAGTTTTTTTTTTTTTTTTTTTTTTTTTTTTC
 CACTTTTTATGGAAAAGTTTTATTTGATTTTGTAAAACGTAATGTTTTGAGTATACTTAC
 TTTACTCTTCAAAGCAATGAAAGTACAATGATAAGCATTGAAATAAAAAGTACCCTGTT
 TTATGAGCTTATTTTTAACATAGTGAAGGCATACTCTCACTGAAAGTAGAAATATGTGA
 TCCAATTACAAAACATAACATTTACGAATAAACACACACAACCTGAATAGTCATGAAAAA
 TAGAGGATTAGTCAAATATTCTGTTTTAAAAATATTAATTCAGTTACATGGAAATTTT
 ATGCATAAAAAATCATATTGTATAATCAGAATGAATCTTCAGTGGTCATTTCTGAAAAACA
 AATACTAATTTAGTTAAAAAGTTAACTTTTACTTCTCTTTTTCAAAGTATTTTCAAAA
 CTTCACTATTCAAATTAATAGGATATTTAATAATTTACTTCAAAGATATTATATAATT
 CTGATCCCAAGAATCTTCTGTGGGTGTTATAAATAAATCTNNCTACGGAAAAGAGTAAG
 AAAAGCCATTCTAGGAAAAGAAAATCGTTGAATAAGTGAGAGTCAAAGTGCTTATTCAATC
 TATGGGGTTTTTCTCCATT

Restriction Sites:

NotI-NotI

ACCN:

NM_152387

Insert Size:

2750 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:

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_152387.2](#), [NP_689600.2](#)

RefSeq Size: 2959 bp

RefSeq ORF: 1281 bp

Locus ID: 130535

UniProt ID: [Q6PI47](#)

Cytogenetics: 2q33.1

Domains: K_tetra

Protein Families: Ion Channels: Other