

Product datasheet for **SC217330**

KCC4 (SLC12A7) (NM_006598) Human 3' UTR Clone

Product data:

Product Type:	3' UTR Clones
Product Name:	KCC4 (SLC12A7) (NM_006598) Human 3' UTR Clone
Symbol:	KCC4
Synonyms:	KCC4
Mammalian Cell Selection:	Neomycin
Vector:	pMirTarget (PS100062)
ACCN:	NM_006598
Insert Size:	2000 bp



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Insert Sequence: >SC217330 3'UTR clone of NM_006598
The sequence shown below is from the reference sequence of NM_006598. The complete sequence of this clone may contain minor differences, such as SNPs.
Blue=Stop Codon **Red**=Cloning site

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GGCAAGTTGGACGCCGCAAGATCCGCGAGATTCTCATTAAGGCCAAGAAGGGCGGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAGCGATCGCC
GGCCGGGAGGTGATCACCATCTACTCCTAATGGCCCAACAGCATCACGGCACTCTGGGACAGGCACGGAG
GACGGCGTGGGACGCTGGGCTGGGCTTGGCCAGGAAACAGACGGCAGACACCTGTCCCCAGT
GATGCCGCCAAGCTGCCATGGGGCTTCTACGGAAGTTCTAGGCCCGTCACCTAGGGCTCTCTGT
TCAGCCTTAACAGGCTCAGCAAATCAGGGCGTGGCTGGACGATTCTTGCATCTGAGGGCAGACGCTG
CTACCGGAGTGACCTGGACGTGGCCAGATCTTCTCGCAGGTCAAGAAGCCAGTGAGCCCTTGCCTTG
GTTTCTGGAAGTCTTTTCTTGGCTGGATTTACCCAGTGGTTAGGTTGCATTTCTACCCATCCAGAA
CATTCTTGAAGAGCACCCGGAGCTGAAGCTGTCCCTGATGATGAAGGTAAACGTCAGCCCTGGCCAT
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CAAGGCACTGAAGCTGGAGGACTCTGTCCATGCCCGTGTACCCCTCGTGTGGGAGCTCTGGGCTCGGC
AGGTCCACATTTTCATGAGCTGAGGCGTGGGCCAGGGCCATCTGGAAGGGAACTCGGCTTTTCCAGAAC
GTGGTGGATCATCTGTCCGGTGTGTGGTGAACAGTTCAGTTTCATCAGGGCCTACGCTCCGGGAAGGGG
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TGGCTCACAGTGCCATCCCCACCCGGTGTCCAGGGAAGGAGGACACGACCCGACGTGGGAGGTCC
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TAAAGAGTTGCTTCTATATACTAGAGGCCAGATGGCCAGGCCTTGGGCTACGTCTGGCTTGATGG
TCTCCCAAGGAATCAGCCCATCAACAAAGTTCAAATCGGGGCAGAGGCTGCACTTGCCCCCAGAT
GTTTCTGAGGAGCCAGACTAGGGCTGGCATTGCTGTAGAGTGACGGCTGTGCCAGAGCGTGTCCAG
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GGCCGCTCAGTTCTGCACACGAAACACCTCCTGAGGGCTCAGCTCTGCCCCCGCCTGGGCTGCAGCC
TCTGCACGCAAGCACCAGGCATCCTTTGTGTTGTCAACTCCGTGTAACAGTAACACAGCCATTACA
ATTGACTCCGTTTCTTTTGTAGTTTCCCTGTCTGTCTGTGTTAGTAGAAAAATAAAATCCTATGAA
ACGCGTAAGCGGCCGCGGCATCTAGATTCTGAAGAAAATGACCGACCAAGCGACGCCAACCTGCCATCA
CGAGATTCGATTCCACCGCCGCTTCTATGAAAGG
  
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Restriction Sites: Sgfl-MluI

OTI Disclaimer: Our molecular clone sequence data has been matched to the sequence identifier above as a point of reference. Note that the complete sequence of this clone is largely the same as the reference sequence but may contain minor differences , e.g., single nucleotide polymorphisms (SNPs).

Components: The cDNA clone is shipped in a 2-D bar-coded Matrix tube as 10 ug dried plasmid DNA. The package also includes 100 pmols of both the corresponding 5' and 3' vector primers in separate vials.

RefSeq: [NM_006598.3](#)

Summary: Mediates electroneutral potassium-chloride cotransport when activated by cell swelling. May mediate K(+) uptake into Deiters' cells in the cochlea and contribute to K(+) recycling in the inner ear. Important for the survival of cochlear outer and inner hair cells and the maintenance of the organ of Corti. May be required for basolateral Cl(-) extrusion in the kidney and contribute to renal acidification (By similarity).[UniProtKB/Swiss-Prot Function]

Locus ID: 10723

MW: 70.2