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Product datasheet for SC205533

CLCNKA (NM_004070) Human 3' UTR Clone

Product data:

Product Type:	3' UTR Clones
Symbol:	CLCNKA
Synonyms:	ClC-K1; CLCK1; hClC-Ka
Mammalian Cell Selection:	Neomycin
Vector:	pMirTarget (PS100062)
ACCN:	NM_004070
Insert Size:	422 bp
Insert Sequence:	>SC205533 3'UTR clone of NM_004070 The sequence shown below is from the reference sequence of NM_004070. The complete sequence of this clone may contain minor differences, such as SNPs. Blue=Stop Codon Red=Cloning site GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAGGCCAAGAAGGGCGGAAAGATCGCCGTG TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC AACCTGACAAATCCGCCAGCTCCAAAGTGAGCCGGCCCAGCAAGATGAAACAGGGCACCCCAGCTGACC TGGTACTGAGGTTGGGCTGAGACCCTGCTTCTCTTCCCCCATCACCACCTGCCCCTCCCTCCAGCCCAG CTCCATTCTTTGGCATAACAGGCAACTCTAACCTAGCCCAGAAGAGGATGGCTCATCCTGGGTGGGACG ATGGCTCCTGCCTTGAAAGACAAAAATCCCACCTTGGGCAGAGCTGAGTGTGAGAAGATGGAAAACCAG TATCTGCCAGGTGCTCAGTGACTGGCCATCACATTAATGAATGACGAGATTGGAGTACACTGTCACCAA GGGCAGGCAAAGATGCCCTCTGGGGTTGTCTGGTTCCCAGTGAGAGGCTCCTGAGAAAAATAAAGCTGG TTCCCAGA ACGCGTAAGCGGCCGCGGCATCTAGATTCGAAGAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA CGAGATTTCGATTCCACCGCCGCCTTCTATGAAAGG
Restriction Sites:	SgfI-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).

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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.

Note: Plasmids are not sterile. For experiments where strict sterility is required, filtration with 0.22um filter is required.

RefSeq: NM_004070.4

Summary: This gene is a member of the CLC family of voltage-gated chloride channels. The encoded protein is predicted to have 12 transmembrane domains, and requires a beta subunit called barttin to form a functional channel. It is thought to function in salt reabsorption in the kidney and potassium recycling in the inner ear. The gene is highly similar to CLCNKB, which is located 10 kb downstream from this gene. Multiple transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Jul 2008]

Locus ID: 1187

MW: 15.5