

Product datasheet for **SC207187**

KCNH4 (NM_012285) Human 3' UTR Clone

Product data:

Product Type:	3' UTR Clones
Product Name:	KCNH4 (NM_012285) Human 3' UTR Clone
Symbol:	KCNH4
Synonyms:	BEC2; ELK1; Kv12.3
Mammalian Cell Selection:	Neomycin
Vector:	pMirTarget (PS100062)
ACCN:	NM_012285
Insert Size:	567 bp
Insert Sequence:	>SC207187 3'UTR clone of NM_012285 The sequence shown below is from the reference sequence of NM_012285. The complete sequence of this clone may contain minor differences, such as SNPs. Blue =Stop Codon Red =Cloning site

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GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAAGCCAAGAAGGGCGGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC
TTCCAGTCCAGGTCAGACACGTTCCACTGACCCTGGCCCAGGGCCCAGGCCTGTCTGGGGTGGGCGCTG
CCGCTCACCCTCAGGGAGGACCTGGGCCCTTGGCTTCTGCCTTGGGGTCAGCAGCCACCAGCTGGC
CTGTTGGCTCTGGATTCTGGACTTTTAAATGAAGCGTGGTTACCTCTGACGCTATTCCCTTTTCCAA
GCCTTCCCAACCTCCCCCTCTGTGAGGGGAGCCACCTGAGGGCTGTGGAACCCAGCAGGCATGAGATG
AACCGCAGTGCCATTGGGCTGGGACAGATGAGATCCTACTTTCTCCCAGGACCTGGAGGACGGCTGC
TCTCAAGGTGGTCTTTCTGCTGTAGCAACTCAAAAATCCCAACAGCACTCCCTATCCTTTCCCTGAC
CCCAGACCGCTGCCAAGCCTGTTCTCCCCATTACAACATGGTCTCACTCAGGGCCTGGACTGCTCCAA
AACTCGCCAGGTCTCCAGCTCTCCTCTACCACCAACACCCTGGGCTCACTTTTGGATAGGAAATAAA
CTCTTTATTTTGTGTA
ACGCGTAAGCGGCCGCGGCATCTAGATTCTGAAGAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA
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).



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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.
RefSeq:	NM_012285.3
Summary:	Voltage-gated potassium (Kv) channels represent the most complex class of voltage-gated ion channels from both functional and structural standpoints. Their diverse functions include regulating neurotransmitter release, heart rate, insulin secretion, neuronal excitability, epithelial electrolyte transport, smooth muscle contraction, and cell volume. This gene encodes a member of the potassium channel, voltage-gated, subfamily H. This member is a pore-forming (alpha) subunit. The gene is brain-specific, and located in the neocortex and the striatum. It may be involved in cellular excitability of restricted neurons in the central nervous system. [provided by RefSeq, Jul 2008]
Locus ID:	23415
MW:	21.3