

Product datasheet for **SC207263**

KCNMB1 (NM_004137) Human 3' UTR Clone

Product data:

Product Type:	3' UTR Clones
Product Name:	KCNMB1 (NM_004137) Human 3' UTR Clone
Vector:	pMirTarget (PS100062)
Symbol:	KCNMB1
Synonyms:	BKbeta1; hbeta1; hslo-beta; K(VCA)beta; k(VCA)beta-1; SLO-BETA; slo-beta-1
ACCN:	NM_004137
Insert Size:	2000 bp



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Insert Sequence: >SC207263 3'UTR clone of NM_004137
 The sequence shown below is from the reference sequence of NM_004137. 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
TACCTGTCCATCCTGGCGGCCAGAAAGTAGAGCCATCCATGCCATACCACTTGTCCAGGCACAGG
GGACTGGCTGGGCCCGGAGGCTGCTCCCACTTGCAGCACAATGCCTTCTCCACCTGCCCTCCCACTC
TTCCAGTCCAATCCACGCTGTCTTCTGTGTCAGGACTAACCTTTGAGAAATCCTTTTGTGAAGTCATTG
CCTGCTCAAGAATGTACAGTGGCTCCCAATGCCTTGGAGGCCATAAGGCCAGCCAGTTCTAGCTCTCT
ATTACCTGTCCCACTCAACTGACTCATACTGTTTCCGGCTGCATCACTATGTGCCCCACAGAGAACG
ATGATCGTCACCTCTGTGCTGAGTTTCCCTGTTGTCTCAAAGCGGTACCCATCCTCCCCAGAAGCT
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CACATTTACAGTATTACTATTTTCTAGGATATAAAGTGCCATATATATTTTAAATCCAATATTAATAA
ATGTATGCCAAACAACAATCAGCTGCAAGGAAACACATGAGAACTCATAAAATTTAGCCGTGGGATG
GTGGTTAATTTCTGTTTTCTTCCCTTATCCCTTTTTATTTTTGCTGCTTTTCTAAATTTTGATTATAG
GAAGGGTGTGTTTCGTTTCTTTAATCAGAAAAGCCATGGTAGATGCCATTTTGAAAAAGTTGAAAGA
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CCATTCAGAACACACAATCTTAAAAACCCTCTGGGCCGGGCGCGGTGGCTCACTCCTGTAATCCCAGC
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CAGGAGGCTGAGGCAGGAGAATGGCGTGAACCCGGGTTCCGAGCTTGCAGTGAGCCGAGATTGTGCCA
CTGCATCCAGCCTGGTGATAGAACAAGACTCCGTCTCAAAAAAAAAAACAAAAACAAAAATGAAAAA
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CACTGAGCCTGTGGGAAGCCTATCTCAGATTTGAAAAGGGCAAAAATGGGAAGAAGCCATCACCTTTA
CCATTCCTCCACTCCAGGAAGTTTTCTAGAACGATGACTGTCCAAGTGTGGTCCCTGGGCCAGCAGCATC
AGGATCCTGTGGCAGCTTGTGAGAAATGCACACTCTCAGGCCCTGTCCCAGCCCCACCACGCCAGAAG
CCCTGCACGGGGTGGGGTAGCAATGTTCTGTGTTCTAACAAATGCGTAGGGGATTCTGTGGCACACCTC
GAGCCAGAGAACTACCGGTGTAGGAAGTGAAGTCTCCTGTCGCGAGGATTTTCAGAGCAGGTGAGTGACC
ATTCGGCAGGGCCAGTCTGAGCTGGGTGTGAAGTTAGGCTGGTGTCTGAAGTTTCTCCAGTGTGTG
AGTCCAAGATGCAGATCTTGGGTTTGAATCCTGTCTCTACTCTGCCGATTTTCATCTCTTTGATTCTTA
GTTTTTTCATCTATAAAAGAAGGACTCTTTCTGGATAGTTGGGAGGGCTGAAGGAATGTTTGACACATC
ATAGGTGTTTTAAATGGCAACTATAGTTTTTTTTGTTTGTGTTTGTGTTGTTTTTTCTTAACCTTC
ATTTTAAGTTGCAGGGTACACGTTACAGTTTGTACATAGGTACACTTGTGTCAAGGGAGTTTGTGTG
CAGATTATTTTCATACCCAGGTATTAAGTCTAGTACCCATTATTAAGAAAAATGTGGTACGTATACGT
ACGCGTAAGCGGCCGCGCATCTAGATTCAAGAAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA
CGAGATTCGATTCCACCGCCGCTTCTATGAAAGG
  
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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).

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_004137.4](#)

Summary: MaxiK channels are large conductance, voltage and calcium-sensitive potassium channels which are fundamental to the control of smooth muscle tone and neuronal excitability. MaxiK channels can be formed by 2 subunits: the pore-forming alpha subunit and the product of this gene, the modulatory beta subunit. Intracellular calcium regulates the physical association between the alpha and beta subunits. [provided by RefSeq, Jul 2008]

Locus ID: 3779

MW: 75.2