

Product datasheet for **SC201246**

KCNMB3 (NM_171829) Human 3' UTR Clone

Product data:

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| Product Type: | 3' UTR Clones |
| Product Name: | KCNMB3 (NM_171829) Human 3' UTR Clone |
| Vector: | pMirTarget (PS100062) |
| Symbol: | KCNMB3 |
| Synonyms: | BKBETA3; HBETA3; K(VCA)BETA-3; KCNMB2; KCNMBL; SLO-BETA-3; SLOBETA3 |
| ACCN: | NM_171829 |
| Insert Size: | 163 bp |
| Insert Sequence: | >SC201246 3'UTR clone of NM_171829 The sequence shown below is from the reference sequence of NM_171829. The complete sequence of this clone may contain minor differences, such as SNPs. Blue =Stop Codon Red =Cloning site GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAAGCCAAGAAGGGCGGAAAGATCGCCGTG TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC AGGAGCAAAGGAAGAGCAGAGAAATCTTAAGACGGTGGCCAAATTAAGTGCTGGCCTTCAGATGTCTG TGATTTCTGCAACTGAGGACCTAATTATGCCTGTCTGCAAATAAATGTAAGGTAATAATTAAG TATCATATTTTCATGTGGGAAAAAA ACGCGT AAGCGGCCGCGCATCTAGATTGAAAGAAATGACCGACCAAGCGACGCCCAACCTGCCATCA CGAGATTCGATTCCACCGCCGCTTCTATGAAAGG |
| 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_171829.3 |



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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 modulatory beta subunit. The protein encoded by this gene is an auxiliary beta subunit which may partially inactivate or slightly decrease the activation time of MaxiK alpha subunit currents. Alternative splicing results in multiple transcript variants. A related pseudogene has been identified on chromosome 22. [provided by RefSeq, Jul 2009]

Locus ID: 27094

MW: 6.4