

Product datasheet for RC228110

KCNMB3 (NM_001163677) Human Tagged ORF Clone

Product data:

OriGene Technologies, Inc.

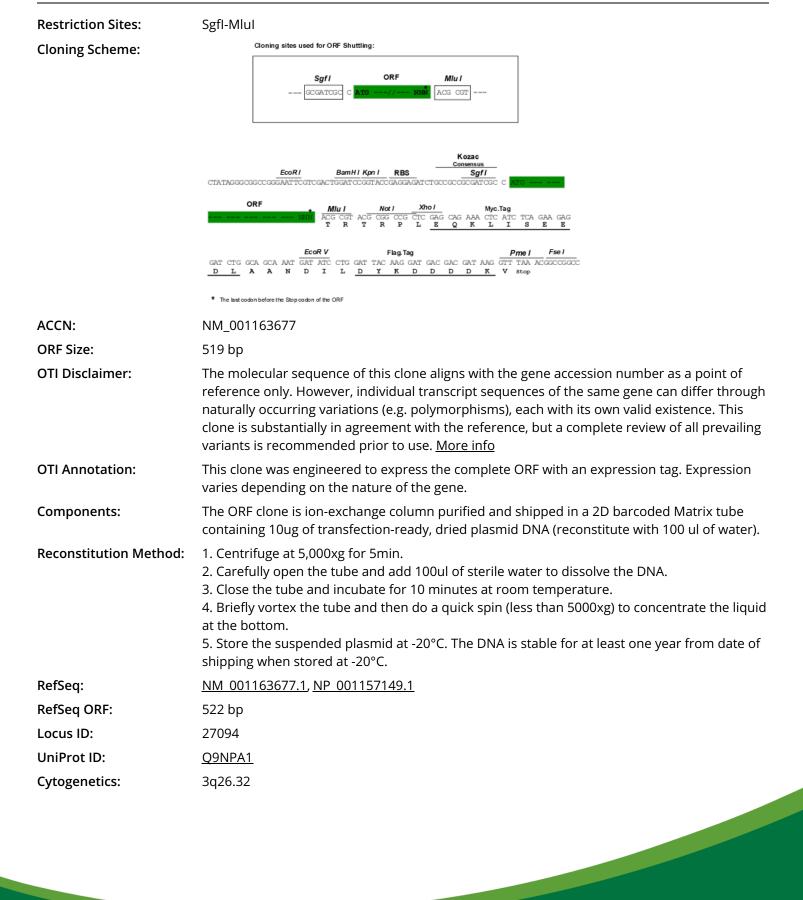
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Product Type:	Expression Plasmids
Product Name:	KCNMB3 (NM_001163677) Human Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	КСММВЗ
Synonyms:	BKBETA3; HBETA3; K(VCA)BETA-3; KCNMB2; KCNMBL; SLO-BETA-3; SLOBETA3
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
ORF Nucleotide Sequence:	<pre>>RC228110 representing NM_001163677 Red=Cloning site Blue=ORF Green=Tags(s)</pre>
	TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC GCC <mark>GCGATCGC</mark> C
	ATGCAGCCCTTCAGCATCCCCGTGCAAATCACACTTCAGGGCAGCCGGAGGCGCCAGGGGAGGACAGCCT TTCCTGCCTCAGGGAAGAAGAGAGAGAGACAGACTACAGTGGATGGA
	ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT ACAAGGATGACGACGATAAG GTTTAA
Protein Sequence:	<pre>>RC228110 representing NM_001163677 Red=Cloning site Green=Tags(s)</pre>
	MQPFSIPVQITLQGSRRRQGRTAFPASGKKRETDYSDGDPLDVHKRLPSSAGEDRAVMLGFAMMGFSVLM FFLLGTTILKPFMLSIQREESTCTAIHTDIMDDWLDCAFTCGVHCHGQGKYPCLQVFVNLSHPGQKALLH YNEEAVQINPKRDVTDCRVKEKQTLTVSDEHKQ
	TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Chromatograms:	https://cdn.origene.com/chromatograms/ja1457_e03.zip



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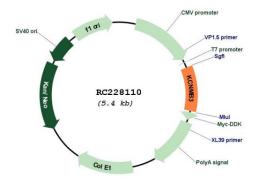
CRIGENE KCNMB3 (NM_001163677) Human Tagged ORF Clone – RC228110



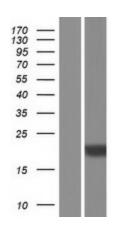
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	1B3 (NM_001163677) Human Tagged ORF Clone – RC228110
Protein Families:	Druggable Genome, Ion Channels: Other, Transmembrane
Protein Pathways:	Vascular smooth muscle contraction
MW:	19.3 kDa
Gene Summary:	MaxiK channels are large conductance, voltage 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]

Product images:



Circular map for RC228110



Western blot validation of overexpression lysate (Cat# [LY431138]) using anti-DDK antibody (Cat# [TA50011-100]). Left: Cell lysates from untransfected HEK293T cells; Right: Cell lysates from HEK293T cells transfected with RC228110 using transfection reagent MegaTran 2.0 (Cat# [TT210002]).

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