

Product datasheet for **SC204369**

KCNF1 (NM_002236) Human 3' UTR Clone

Product data:

Product Type:	3' UTR Clones
Product Name:	KCNF1 (NM_002236) Human 3' UTR Clone
Vector:	pMirTarget (PS100062)
Symbol:	KCNF1
Synonyms:	IK8; KCNF; KH1; KV5.1
ACCN:	NM_002236
Insert Size:	344 bp
Insert Sequence:	>SC204369 3'UTR clone of NM_002236 The sequence shown below is from the reference sequence of NM_002236. The complete sequence of this clone may contain minor differences, such as SNPs. Blue =Stop Codon Red =Cloning site GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAAGCCAAGAAGGGCGGAAAGATCGCCGTG TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC CACAGGACCCGGCTCCAGAGTTGCAAGTGA CAGGAGGGCCCTCAGGCAGAGATGGACCAGGCGGTGGA CAGATGGGTAGATGTGGCAGGCATGTCATCGACAGCACAGAAGGGCTGTCTGTGTCCCCCAACCCTC CCCTGGACAGACTCTGAAGGCCCTCCCGCACCTCTGCCAAGGCTGGGTAAAGACTCCTCTATGTTGCCT GCTGTCCAGGAGCCGGGAGGGAGGGTGTGCAGGAGCCGAGGGCCGTGTGGGACGAGTGGAGGCCG GGCCTGGCTGGCAGAGAGCCACGCCCTTCTGTATCTCCCTCAATAAAGCCTCCTGCTCTGTGCA ACGCGT AAGCGGCCGCGCATCTAGATTGAAGAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA CGAGATTCGATTCCACCGCCCTTCTATGAAAGG
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:	<u>NM_002236.5</u>



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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 F. This gene is intronless and expressed in all tissues tested, including the heart, skeletal muscle, brain, kidney, and pancreas. [provided by RefSeq, Jul 2008]

Locus ID: 3754

MW: 11.4