

Product datasheet for **SC202559**

KCNH6 (NM_173092) Human 3' UTR Clone

Product data:

Product Type:	3' UTR Clones
Product Name:	KCNH6 (NM_173092) Human 3' UTR Clone
Vector:	pMirTarget (PS100062)
Symbol:	KCNH6
Synonyms:	ERG-2; ERG2; hERG-2; HERG2; Kv11.2
ACCN:	NM_173092
Insert Size:	264 bp
Insert Sequence:	>SC202559 3'UTR clone of NM_173092 The sequence shown below is from the reference sequence of NM_173092. The complete sequence of this clone may contain minor differences, such as SNPs. Blue=Stop Codon Red=Cloning site GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAAGCCAAGAAGGGCGGAAAGATCGCCGTG TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC CCTGGATTGCAGGGAGTTGGGGCCACTGAACTCCAAGATAAAGACACCATGAGGGGACTGAAGGTGGG CAAGGGGATTTCTTTAGCTGGGCATGGTGGCGGGCGCCTGTAATCCCAGCTACTCAGGAGGCTGAAGC AAGAGAATCACTTGAACCTAAAGGCAGAGGTTGCAGTGAGCCGAGATAGTGCCACTGCACTACAGCCC GGGCGACAGAGTGAGACTCCATCTCAAAAATAAAAATAAAATTAAAAAAAAAAGAGGA ACGCGTAAGCGGCCGCGCATCTAGATTGGAAGAAATGACCGACCAAGCGACGCCCAACCTGCCATCA CGAGATTCGATTCCACCGCCGCTTCTATGAAAGG
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:	<u>NM_173092.4</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 H. This member is a pore-forming (alpha) subunit. Alternative splicing results in multiple transcript variants that encode different isoforms. [provided by RefSeq, Jul 2013]

Locus ID: 81033

MW: 9.3