

Product datasheet for **SC205697**

KCNH7 (NM_033272) Human 3' UTR Clone

Product data:

Product Type: 3' UTR Clones
Product Name: KCNH7 (NM_033272) Human 3' UTR Clone
Vector: pMirTarget (PS100062)
Symbol: KCNH7
Synonyms: ERG3; HERG3; Kv11.3
ACCN: NM_033272
Insert Size: 452 bp
Insert Sequence: >SC205697 3'UTR clone of NM_033272
The sequence shown below is from the reference sequence of NM_033272. 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
GTTTCTGATCCTGGTCTTCCAGGGAAAATCATTTTTGTACTATTTACTCCACATACAATGTAAGTGCT
TTTAATGGCTGTTTTCTTTTTCTATTTAAATCCTCTCTACTTGACTCAGGGGCTCACAAGGTACCATT
ATATGCAAAAGTACTGTATATTTTCTAAATTGAAGCTTGTAAAGGTAATAACTGAGCAGTTAGGATGTAA
ATATACATAAGAACTTTTGGTTCCAAATGTTAAACTGCCAGCATCTCACGGCACCTTATTTTTATTT
TTATTTTTTAAATCACATGCATGTTAGGAAACTCCAATTTCTCTTGATGGAGACTCCTATTTACTGCT
TTTACTAAACCAGTACTTCGTTATGAAAATGCCTTCCACGCAAATAAGAAACCAAGGGATAAAAAGTGT
CATGGATGCAACTCAAATTCAGATGATCCTCAACTCAT
ACGCGTAAGCGGCCGCGGCATCTAGATTCTGAAGAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA
CGAGATTTGATTCCACCGCCCTTCTATGAAAGG
```

Restriction Sites: Sgfl-Mlul

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_033272.4](#)



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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. There are at least two alternatively spliced transcript variants derived from this gene and encoding distinct isoforms. [provided by RefSeq, Jul 2008]

Locus ID: 90134

MW: 17