

## Product datasheet for **SC215478**

### **KCNH8 (NM\_144633) Human 3' UTR Clone**

#### **Product data:**

Product Type:	3' UTR Clones
Product Name:	KCNH8 (NM_144633) Human 3' UTR Clone
Vector:	pMirTarget (PS100062)
Symbol:	KCNH8
Synonyms:	ELK; ELK1; elk3; Kv12.1
ACCN:	NM_144633
Insert Size:	1573 bp



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**Insert Sequence:** >SC215478 3'UTR clone of NM\_144633  
 The sequence shown below is from the reference sequence of NM\_144633. 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
GTGAAAGATAACAAAGCCATAAATGTATGATATTAGTGCCCATGATGCAGCAGCTAATTTCAAACCTAC
CACTGCATGACAGTTTTAGTTTGCCTTTTTGCCTCTGGTGGGCATGAAGACTGAGCAAAGCTGGGAATC
CTGCAGAAAAGAGTGTGAGGAGCCAGGGAAAGGCAGAACCACCTCCATGCTGTAGCAAACAATTTCTAG
ATACTAGAAGCATAATAGAAACATTTTTCTGTACAGGTATTAACACTGGTCTGTTTGACAGACTTTG
GTAACAATCCAAAGACCCTGAGGGTCTGAGCAGCTAGAAGTCTAGACAAAGAAGCTGTGGATGACTTT
TGTCCCATGTGGCTTTTGTGAAGTATGGCAAAGGTTTTTCATGAGTGCCTGATTGTTATTCCTGAACAA
TATCCATAGCACTGTTGGCCTCAGGAGTGCACAGCTCCTGCTGATGATTTTTCTTTTTGTGAAGGCAA
AGGGACAATTACTGTCATGTCATCTCCTAGACAATCAGTCAAATAGAGCTGGTGGCCAGTGGTTAGC
TATTCGCACGTTATTTGCCATGTAATGAAAACGCTTTTATTTATCAAAAAAACACAGAGGCTATTTTT
ATATCCTTGGTATGAAATATGATTTAAACTATTTAAATATTTATAAAGAAATGAATGTTTTCTTTTCA
TTTTGGTAAAAAAAAGCTTGCTGTTTTAAACAAGAAATGCACTACTGTTGTGTATAGTAGATCAAAAAT
TATTTATTAAGAGGATGTAGTTTTCAAAGGAATCCCCATTTTTCTGCATGCAGTTTGAACAAA
TGTAATTCATGCTTCTGGATTATAAAGAAAAGTGAAGTCATATTTGTTAATGAAATAAAACATGG
ACTGAGTGTCACTACATGAGCTTTGGCATGGGGATAGAGAGGCTCCATCTAGGCTCTGCCAACTCATG
TCAATGACATGATTTAAGGTCGTTGTGCCAGCAGAAATGTCTCCTCTAGGTATCGTATTTTGTGCT
CAAGAATCCAAAATGGGCTGTGGACATAGGGCAATTTGGGGCTCAAAGTGAGGGAGAAAACCTGGGTG
TGTCTTTCCAGTGCTTTTCTTTTACAAGAGGTAGTAGACTAGTGAAATCCCCAAATGGAGCCAAGA
CTTCTGAGCTATAACTTGTGGGAGTAATACCAGCTTGCAATGGGTCAGCACTTTACCTTTTTCTTTAA
GGCTCCCAACAATGCTATACAGCGCAGTTGTTCCATTCTATTTTTAATAAATCTCAGGGGAAGCCTC
AGAGATTACACAGTTAGGATGCTGACACAGTCTAGAATCCATAATGCTCCCTACATCTCACACTAACAG
GCAAATTCAGATGCTGGGATTGGCAATGATTTAAGCACCTTCACTAAAGTCTATTTTATGTTTTAGAA
CAGTTACAGTCTAATTGTCTTGGACATTTGGGAAGATATATTGGGTTACATTCTGGAGTTCTCTTTA
TTTTCCACCACAAAAAATAATCTGAGAATTGTATCATAAAAGTATCTAAACACA
ACGCGTAAAGCGGCCGCGCATCTAGATTGAAGAAAATGACCGACCAAGCGACGCCAACCTGCCATCA
CGAGATTTGATTCCACCGCCGCTTCTATGAAAGG
  
```

**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:** [NM\\_144633.3](#)

**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. [provided by RefSeq, Jul 2008]

Locus ID: 131096

MW: 61.4