

Product datasheet for **SC204549**

KCNH3 (NM_012284) Human 3' UTR Clone

Product data:

Product Type: 3' UTR Clones
Product Name: KCNH3 (NM_012284) Human 3' UTR Clone
Vector: pMirTarget (PS100062)
Symbol: KCNH3
Synonyms: BEC1; ELK2; Kv12.2
ACCN: NM_012284
Insert Size: 414 bp
Insert Sequence: >SC204549 3'UTR clone of NM_012284

The sequence shown below is from the reference sequence of NM_012284. 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
TGGACCCAGGAAGAAGGCACAGGGGTCTGAGTACCAGCCCTAGAAGTACGCGTTGCCAGGTGTGCTGCC
ATCTGCTGTTTCGGCCCAACCTCAGAGTGAAGGCAGGGTGGCAGCCTCCACGGACTCCATGCGGCCCG
CTGGCTCAGGGCAGGGAGCCTGGAAGCAAAGGAGGACCTGGCTCCTGACTCTCAGAGAGGATAGGCTGG
ATCCCTGGGGCAGGCCTCTCCTCGGCCTGCTCCTGACCTCCCGGTCTCCCTCTGCAGGCTGGGGGCA
GAGGCCTGAGGACAAGGAAGAGCTTTGCCATCCCTGCATGTGCCCTGCCTCTACCTGTCCCAAATT
TTTATATTAATAAAAAAAAAATAAAATAACTACTTTGGAACCTGGTGCTTTTATTTACAAAAGAAAA
ACGCGTAAGCGGCCGCGCATCTAGATTGAAGAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA
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: [NM_012284.3](#)



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Summary: The protein encoded by this gene is a voltage-gated potassium channel alpha subunit predominantly expressed in the forebrain. Studies in mice have found that cognitive function increases when this gene is knocked out. In humans, the encoded protein has been shown to be capable of binding glycoprotein 120 of the human immunodeficiency virus type 1 (HIV-1) envelope. Two transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Sep 2015]

Locus ID: 23416

MW: 14.3