

Product datasheet for **SC204802**

KRT81 (NM_002281) Human 3' UTR Clone

Product data:

Product Type: 3' UTR Clones
Product Name: KRT81 (NM_002281) Human 3' UTR Clone
Vector: pMirTarget (PS100062)
Symbol: KRT81
Synonyms: ghHkb1; Hb-1; HB1; hHAKB2-1; K81; KRTHB1; MLN137
ACCN: NM_002281
Insert Size: 372 bp
Insert Sequence: >SC204802 3'UTR clone of NM_002281
The sequence shown below is from the reference sequence of NM_002281. 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
TCTTGCGGCAGCAGCTGCCGAAATGTAGGCACCCCAACTCAAGTCCCAGGCCAGGCATCTTTCTT
GCCCTGCCTTGCTTGGCCATCCAGTCCAGGCGCCTGGAGCAAGTCTCAGTACTTCTCCTGCACTTT
GAAAGACCCCTCCCACTCCTGGCCTCACATTTCTGTGTGATCCCCACTTCTGGGCTCTGCCACCCC
ACAGTGGGAAAGGCCACCCTAGAAAGAAGTCCGCTGGCACCCATAGGAAGGGGCTCAGGAGCAGGAAG
GGCCAGGACCAGAACCTTGCCACGGCAACTGCCTTCTGCCTCTCCCCTTCTCCTCTGCTCTTGATC
TGTGTTTCAATAAATTAATGTAGCCAA
ACGCGTAAGCGGCCGCGGCATCTAGATTCAAGAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA
CGAGATTCGATTCCACCGCCCTTCTATGAAAGG
```

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_002281.4](#)



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Summary: The protein encoded by this gene is a member of the keratin gene family. As a type II hair keratin, it is a basic protein which heterodimerizes with type I keratins to form hair and nails. The type II hair keratins are clustered in a region of chromosome 12q13 and are grouped into two distinct subfamilies based on structure similarity. One subfamily, consisting of KRTHB1, KRTHB3, and KRTHB6, is highly related. The other less-related subfamily includes KRTHB2, KRTHB4, and KRTHB5. All hair keratins are expressed in the hair follicle; this hair keratin, as well as KRTHB3 and KRTHB6, is found primarily in the hair cortex. Mutations in this gene and KRTHB6 have been observed in patients with a rare dominant hair disease, monilethrix. [provided by RefSeq, Jul 2008]

Locus ID: 3887

MW: 12.9