

Product datasheet for **SC205114**

Cytokeratin 10 (KRT10) (NM_000421) Human 3' UTR Clone

Product data:

Product Type: 3' UTR Clones
Product Name: Cytokeratin 10 (KRT10) (NM_000421) Human 3' UTR Clone
Vector: pMirTarget (PS100062)
Symbol: KRT10
Synonyms: BCIE; BIE; CK10; EHK; K10; KPP
ACCN: NM_000421
Insert Size: 389 bp
Insert Sequence: >SC205114 3'UTR clone of NM_000421
The sequence shown below is from the reference sequence of NM_000421. 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
GAGTCTTCATCTAAGGGACCAAGATACTAACAAAACCAGAGTAATCAAGACAATTATTGAAGAGGTGGC
GCCCGACGGTAGAGTCTTTTCATCTATGGTTGAATCAGAAACCAAGAACTACTATTAACACTGCATC
AAGAGGAAAGAGTCTCCCTTCACACAGACCATTATTTACAGATGCATGGAAAACAAAGTCTCCAAGAAA
ACACTTCTGTCTTGATGGTCTATGGAAATAGACCTTGAAAATAAGGTGTCTACAAGGTGTTTTGTGGTT
TCTGTATTTCTTTCTTTCACTTTACCAGAAAGTGTCTTTAATGGAAAGAAAAACACTTTCTGTCTC
ATTTACTAATGAATTTCAATAAACTTTCTTACTGATGCAAATA
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_000421.5](#)



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Summary: This gene encodes a member of the type I (acidic) cytokeratin family, which belongs to the superfamily of intermediate filament (IF) proteins. Keratins are heteropolymeric structural proteins which form the intermediate filament. These filaments, along with actin microfilaments and microtubules, compose the cytoskeleton of epithelial cells. Mutations in this gene are associated with epidermolytic hyperkeratosis. This gene is located within a cluster of keratin family members on chromosome 17q21. [provided by RefSeq, Jul 2008]

Locus ID: 3858

MW: 15