

Product datasheet for **SC205166**

Cytokeratin 5 (KRT5) (NM_000424) Human 3' UTR Clone

Product data:

Product Type: 3' UTR Clones
Product Name: Cytokeratin 5 (KRT5) (NM_000424) Human 3' UTR Clone
Vector: pMirTarget (PS100062)
Symbol: KRT5
Synonyms: CK5; DDD; DDD1; EBS2; K5; KRT5A
ACCN: NM_000424
Insert Size: 397 bp
Insert Sequence: >SC205166 3'UTR clone of NM_000424

The sequence shown below is from the reference sequence of NM_000424. 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
TCCTCCTCCCGAAGAGCTTCAAGAGCTAAGAACCTGCTGCAAGTCACTGCCTTCCAAGTGCAGCAACC
CAGCCCATGGAGATTGCCTCTTCTAGGCAGTTGCTCAAGCCATGTTTTATCCTTTTCTGGAGAGTAGTC
TAGACCAAGCCAATTGCAGAACCACATTCTTTGGTTCCCAGGAGAGCCCCATTCCCAGCCCCTGGTCTC
CCGTGCCGCGAGTTCTATATTCTGCTTCAAATCAGCCTTCAGGTTTCCCACAGCATGGCCCCTGCTGACA
CGAGAACCCTAAAGTTTTCCCAAATCTAAATCATCAAAACAGAATCCCCACCCCAATCCCAAATTTTGT
TTGTTTAACTACCTCCAGAATGTGTTCAATAAAATGCTTTTATAATATAA
ACGCGTAAGCGGCCGCGCATCTAGATTCAAGAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA
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_000424.4](#)



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Summary:

The protein encoded by this gene is a member of the keratin gene family. The type II cytokeratins consist of basic or neutral proteins which are arranged in pairs of heterotypic keratin chains coexpressed during differentiation of simple and stratified epithelial tissues. This type II cytokeratin is specifically expressed in the basal layer of the epidermis with family member KRT14. Mutations in these genes have been associated with a complex of diseases termed epidermolysis bullosa simplex. The type II cytokeratins are clustered in a region of chromosome 12q12-q13. [provided by RefSeq, Jul 2008]

Locus ID:

3852

MW:

14.9