

Product datasheet for **SC206987**

Cytokeratin 4 (KRT4) (NM_002272) Human 3' UTR Clone

Product data:

Product Type: 3' UTR Clones
Product Name: Cytokeratin 4 (KRT4) (NM_002272) Human 3' UTR Clone
Vector: pMirTarget (PS100062)
Symbol: KRT4
Synonyms: CK-4; CK4; CYK4; K4; WSN1
ACCN: NM_002272
Insert Size: 550 bp
Insert Sequence: >SC206987 3'UTR clone of NM_002272
The sequence shown below is from the reference sequence of NM_002272. 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
TCTACCACCACCCTGAACAAGAGACGATAGAGGAGACGAGGTCCCTGCAGCTCACTGTGTCCAGCTGGG
CCCAGCACTGGTGTCTCTGTGCTTCTTCACTTCACTCCATCCTCTGTCTCTGGGGCTCATCTTACTA
GTATCCCCTCCACTATCCCATGGGCTCTCTGCCCCAGGATGATCTTCTGTGCTGGGACAGGGACTCT
GCCTCTTGGAGTTTGGTAGCTACTTCTTGAATTTGGGCCTGGTGACCCACCTGGAATGGGAAGGATGTCA
GCTGACCTCTCACCTCCCATGGACAGAGAAGAAAATGACCAGGAGTGTCATCTCCAGAATTATTGGGGT
CACATATGTCCCTTCCCAGTCCAATGCCATCTCCCACTAGATCCTGTATTATCCATCTACATCAGAACCC
AACTACTTCTCAACACCCGGCAGCACTTGGCCCTGCAAGCTTAGGATGAGAACCACTTAGTGTCCCA
TTCTACTCTCTCATTCCCTCTTATCCATCTGCAGGTGAATCTTCAATAAAATGCTTTTGTCAATCA
ACGCGTAAGCGGCCGCGCATCTAGATTGAAGAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA
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_002272.4](#)



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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 differentiated layers of the mucosal and esophageal epithelia with family member KRT13. Mutations in these genes have been associated with White Sponge Nevus, characterized by oral, esophageal, and anal leukoplakia. The type II cytokeratins are clustered in a region of chromosome 12q12-q13. [provided by RefSeq, Jul 2008]

Locus ID: 3851

MW: 20