

Product datasheet for SC201550

Cytokeratin 16 (KRT16) (NM_005557) Human 3' UTR Clone

Product data:

Product Type:	3' UTR Clones
Product Name:	Cytokeratin 16 (KRT16) (NM_005557) Human 3' UTR Clone
Symbol:	Cytokeratin 16
Synonyms:	CK16; FNEPPK; K1CP; K16; KRT16A; NEPPK; PC1
Mammalian Cell Selection:	Neomycin
Vector:	pMirTarget (PS100062)
ACCN:	NM_005557
Insert Size:	187 bp
Insert Sequence:	<p>>SC201550 3'UTR clone of NM_005557</p> <p>The sequence shown below is from the reference sequence of NM_005557. The complete sequence of this clone may contain minor differences, such as SNPs.</p> <p>Blue=Stop Codon Red=Cloning site</p> <pre> GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAGGCCAAGAAGGGCGGAAAGATCGCCGTG TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC TCCAGCTTCAGCCAGGGCCAGAGCTCTAGAACTGAGCTGCCTCTACCACAGCCTCCTGCCACACAGCT GGCCTCACCTCTGAAGGCCCGGGTCAGGACCCTGCTCTCCTGGCGCAGTCCCAGCTATCTCCCCTGC TCCTCTGCTGGTGGTGGGCTAATAAAGCTGACTTTCTGGTTGATGCAAA ACGCGTAAGCGGCCGCGCATCTAGATTGGAAGAAATGACCGACCAAGCGACGCCAACCTGCCATCA CGAGATTCGATTCCACCGCCGCTTCTATGAAAGG </pre>
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:	<u>NM_005557.4</u>


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Summary:

The protein encoded by this gene is a member of the keratin gene family. The keratins are intermediate filament proteins responsible for the structural integrity of epithelial cells and are subdivided into cytokeratins and hair keratins. Most of the type I cytokeratins consist of acidic proteins which are arranged in pairs of heterotypic keratin chains and are clustered in a region of chromosome 17q12-q21. This keratin has been coexpressed with keratin 14 in a number of epithelial tissues, including esophagus, tongue, and hair follicles. Mutations in this gene are associated with type 1 pachyonychia congenita, non-epidermolytic palmoplantar keratoderma and unilateral palmoplantar verrucous nevus. [provided by RefSeq, Jul 2008]

Locus ID:

3868

MW:

6.1