

Product datasheet for SC207803

Cytokeratin 6B (KRT6B) (NM_005555) Human 3' UTR Clone

Product data:

Product Type:	3' UTR Clones
Product Name:	Cytokeratin 6B (KRT6B) (NM_005555) Human 3' UTR Clone
Symbol:	Cytokeratin 6B
Synonyms:	CK-6B; CK6B; K6B; KRTL1; PC2; PC4
Mammalian Cell Selection:	Neomycin
Vector:	pMirTarget (PS100062)
ACCN:	NM_005555
Insert Size:	569 bp
Insert Sequence:	<p>>SC207803 3'UTR clone of NM_005555</p> <p>The sequence shown below is from the reference sequence of NM_005555. The complete sequence of this clone may contain minor differences, such as SNPs.</p> <p>Blue=Stop Codon Red=Cloning site</p>

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GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAGGCCAAGAAGGGCGGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAAACGATCGCC
TCCTCCAGCAGGAAGAGCTACAAGCACAGTGTGCTGCCGCCAGCTCTCAGTCCCACAGCTCTCAGGCC
CCTCTCTGGCAGCAGAGCCCTCTCCTCAGGTTGCTTGCTCTCCCTGGCCTCCAGTCTCCCTGCCCTC
CCGGGTAGAGCTGGGATGCCCTCACTTTTCTTCTCATCAATACCTGTTCCACTGAGCTCCTGTTGCTTA
CCATCAAGTCAACAGTTATCAGCACTCAGACATGCGAATGTCCTTTTAGTTCCCGTATTATTACAGGT
ATCTGAGTCTGCCATAATTCTGAGAAGAAAATGACCTATATCCCCATAAGAACTGAACTCAGTCTAGG
TCCAGTGCAGATGAGGAGTCCCTCTCTTAATTGCTAACCATCCTGCCCATATAGCTACACTCAGGAG
TTCTCATCTGACAAGTCAGTTGCTCTGATCTTCTCTTGCAAGTGTCCCTGAATGGCAAGTGATGTACCTT
CTGATGCAGTCTGCATTCTGCACTGCTTTCTGCTCTCTTTGCCTTCTTTGTTCTGTTGAATAAAG
CATATTGAGAATGTGAA
ACGCGTAAGCGGCCGCGCATCTAGATTGGAAGAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA
CGAGATTCGATTCCACCGCCGCTTCTATGAAAGG
  
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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).


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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_005555.4</u>
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. As many as six of this type II cytokeratin (KRT6) have been identified; the multiplicity of the genes is attributed to successive gene duplication events. The genes are expressed with family members KRT16 and/or KRT17 in the filiform papillae of the tongue, the stratified epithelial lining of oral mucosa and esophagus, the outer root sheath of hair follicles, and the glandular epithelia. Mutations in these genes have been associated with pachyonychia congenita. The type II cytokeratins are clustered in a region of chromosome 12q12-q13. [provided by RefSeq, Jul 2008]
Locus ID:	3854
MW:	21