

Product datasheet for **SC126482**

Cytokeratin 17 (KRT17) (NM_000422) Human Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Cytokeratin 17 (KRT17) (NM_000422) Human Untagged Clone
Tag: Tag Free
Symbol: Cytokeratin 17
Synonyms: 39.1; CK-17; K17; PC; PC2; PCHC1
Mammalian Cell Selection: None
Vector: [pCMV6-XL5](#)
E. coli Selection: Ampicillin (100 ug/mL)

Fully Sequenced ORF: >OriGene sequence for NM_000422 edited
 CTCTCCTCTCCAGCCCTTCTCCTGTGTGCCTGCCTCCTGCCGCCACCATGACCACCT
 CCATCCGCCAGTTCACCTCCTCCAGCTCCATCAAGGGCTCCTCCGGCCTGGGGGGCGCT
 CGTCCCGCACCTCCTGCCGGCTGTCTGGCGGCCTGGGTGCCGGCTCCTGCAGGCTGGGAT
 CTGCTGGCGGCCTGGGCAGCACCTCGGGGTAGCAGCTACTCCAGCTGTACAGCTTTG
 GCTCTGGTGGTGGCTATGGCAGCAGCTTTGGGGTGTGATGGGCTGCTGGCTGGAGGTG
 AGAAGGCCACCATGCAGAACCTCAATGACCGCCTGGCCTCCTACCTGGACAAGGTGCGTG
 CCCTGGAGGAGGCCAACACTGAGCTGGAGGTGAAGATCCGTGACTGGTACCAGAGGCAGG
 CCCCAGGGCCCGCCGTGACTACAGCCAGTACTACAGGACAATTGAGGAGCTGCAGAACA
 AGATCCTCACAGCCACCGTGGACAATGCCAACATCCTGTACAGATTGACAATGCCCGTC
 TGGCTGTGATGACTTCCGCACCAAGTTTGGAGACAGAGCAGGCCCTGCGCCTGAGTGTGG
 AGGCCGACATCAATGGCCTGCGCAGGGTGTGGATGAGCTGACCTGGCCAGAGCCGACC
 TGGAGATGCAGATTGAGAACCTCAAGGAGGAGCTGGCCTACCTGAAGAAGAACCCAGGAG
 AGGAGATGAACGCCCTGCGAGGCCAGGTGGGTGGTGGATCAATGTGGAGATGGACGCTG
 CCCCAGGCGTGGACCTGAGCCGATCCTCAACGAGATGCGTGACCAAGTATGAGAAGATGG
 CAGAGAAGAACCGAAGGATGCCGAGGATTGGTTCTTCAGCAAGACAGAGGAAGTGAACC
 GCGAGGTGGCCACCAACAGTGAAGTGGTGCAGAGTGGCAAGAGTGAAGTCTCGGAGCTCC
 GGCGCACCATGCAGGCCCTGGAGATAGAGCTGCAGTCCAGCTCAGCATGAAAGCATCCC
 TGGAGGGCAACCTGGCGGAGACAGAGAACCCTACTGCGTGCAGCTGTCCAGATCCAGG
 GGCTGATTGGCAGCGTGGAGGAGCAGCTGGCCAGCTTCGCTGCGAGATGGAGCAGCAGA
 ACCAGGAATACAAAATCCTGCTGGATGTGAAGACGCGGCTGGAGCAGGAGATTGCCACCT
 ACCGCCGCTGTGGAGGGAGAGGATGCCACCTGACTCAGTACAAGAAAGAACCGGTGA
 CCACCCGTGAGTGCATACCATTTGTGGAAGAGGTCCAGGATGGCAAGGTATCTCCTCCC
 GCGAGCAGGTCCACCAGACCACCCGCTGAGGACTCAGTACCCCGGCCGCCACCAGGA
 GGCAGGGAGGCAGCCGCCCATCTGCCACAGTCTCCGGCTCTCCAGCCTCAGCCCC
 TGCTTCAGTCCCTTCCCCATGCTTCTTGCCTGATGACAATAAAGCTTGTGACTCAGCT
 AA



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5' Read Nucleotide Sequence:	>OriGene 5' read for NM_000422 unedited TTANGATTTTGTAAACGACTCTACTATAGGGCGCGCCGCGTAATCCCAGGATATCGTC GACCCACGCGTCCGCTCTCTCTCCAGCCCTTCTCCTGTGTGCCTGCCTCCTGCCGCCGC CACCATGACCACCTCCATCCGCCAGTTCACCTCCTCCAGCTCCATCAAGGGCTCCTCCGG CCTGGGGGGCGGCTCGTCCCGCACCTCCTGCCGGCTGTCTGGCGGCTGTGTGCCGGCTC CTGCAGGCTGGGATCTGCTGGCGGCTGNGCAGCACCCCTCGGGGGTAGCAGCTACTCCAG CTGCTACAGCTTTGGCTCTGGTGGTGGCTATGGCAGCAGCTTTGGGGGTGTTGATGGGCT GCTGGCTGGAGGTGAGAAGGCCACCATGCAGAACCTCAATGACCGCCTGGCCTCCTACCT GGACAAGGTGCGTGCCCTGGAGGAGGCCAACACTGAGCTGGAGGTGAAGATCCGTGACTG GTACCAGAGGCAGGCCCGGGGCCCGCCGTGACTACAGCCAGTACTACAGGACAATTGA GGAGCTGCAGAACAGATCCTCAGCCACCGTGGACAATGCCAACATCCTGCTACAGAT TGACAATGCCGTCTGGCTGCTGATGACTTCCGCACCAAGTTTGAGACAGAGCAGGCCCT GCGCCTGAGTGTGGANGCCGACATCAATGGCCTGCNCCAGGTGCTGGATGAGCTGACCCT GGCCAGAGCCCACCTGGAGATGCAGATTGAGAACCTCAGGAGGGACTGGCCTACCTGAAG AGGAACCCGAGGAGAAGATGACCGCCTGCCAGGCAGGTGGGTGTGAGATCAATGTGGAAA TGACGCTGCCCCAGCGTGGACTGAGCGCATCCTCACGAATGCGTGCCATTTGAGAGATG CAGAAAAACCCCAAGATGCGAGGATTGGTCTCA
Restriction Sites:	Please inquire
ACCN:	NM_000422
OTI Disclaimer:	Our molecular clone sequence data has been matched to the reference identifier above as a point of reference. Note that the complete sequence of our molecular clones may differ from the sequence published for this corresponding reference, e.g., by representing an alternative RNA splicing form or single nucleotide polymorphism (SNP).
Components:	The ORF clone is ion-exchange column purified and shipped in a 2D barcoded Matrix tube containing 10ug of transfection-ready, dried plasmid DNA (reconstitute with 100 ul of water).
Reconstitution Method:	<ol style="list-style-type: none"> 1. Centrifuge at 5,000xg for 5min. 2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA. 3. Close the tube and incubate for 10 minutes at room temperature. 4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom. 5. Store the suspended plasmid at -20°C. The DNA is stable for at least one year from date of shipping when stored at -20°C.
RefSeq:	NM_000422.1 , NP_000413.1
RefSeq Size:	1512 bp
RefSeq ORF:	1299 bp
Locus ID:	3872
UniProt ID:	Q04695
Cytogenetics:	17q21.2
Gene Summary:	This gene encodes the type I intermediate filament chain keratin 17, expressed in nail bed, hair follicle, sebaceous glands, and other epidermal appendages. Mutations in this gene lead to Jackson-Lawler type pachyonychia congenita and steatocystoma multiplex. [provided by RefSeq, Aug 2008]