

Product datasheet for **RG201619**

Cytokeratin 17 (KRT17) (NM_000422) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Cytokeratin 17 (KRT17) (NM_000422) Human Tagged ORF Clone
Tag:	TurboGFP
Symbol:	Cytokeratin 17
Synonyms:	39.1; CK-17; K17; PC; PC2; PCHC1
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)
ORF Nucleotide Sequence:	>RG201619 representing NM_000422 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGACCACCTCCATCCGCCAGTTCACCTCCTCCAGCTCCATCAAGGGCTCCTCCGGCCTGGGGGGCGGCT
CGTCCCGCACCTCCTGCCGGCTGTCTGGCGGCCTGGGTGCCGGCTCCTGCAGGCTGGGATCTGCTGGCGG
CCTGGGCAGCACCTCGGGGTAGCAGCTACTCCAGCTGCTACAGCTTTGGCTCTGGTGGTGGCTATGGC
AGCAGCTTTGGGGTGTGATGGGCTGCTGGCTGGAGGTGAGAAGGCCACCATGCAGAACCTCAATGACC
GCCTGGCCTCCTACCTGGACAAGGTGCGTGCCCTGGAGGAGGCCAACACTGAGCTGGAGGTGAAGATCCG
TGAAGTACCAGAGGCAGGCCCGGGGCCCGCCGTGACTACAGCCAGTACTACAGGACAATTGAGGAG
CTGCAGAACAAAGATCCTCACAGCCACCGTGGACAATGCCAACATCCTGCTACAGATTGACAATGCCCGTC
TGGCTGCTGATGACTTCCGCACCAAGTTTGGAGACAGAGCAGGCCCTGCGCCTGAGTGTGGAGGCCGACAT
CAATGGCCTGCGCAGGGTGTGGATGAGCTGACCCTGGCCAGAGCCGACCTGGAGATGCAGATTGAGAAC
CTCAAGGAGGAGCTGGCTACCTGAAGAAGAACCAGGAGGAGATGAACGCCCTGCGAGGCCAGGTGG
GTGGTGAATCAATGTGGAGATGGACGCTGCCAGGCGTGGACCTGAGCCGCATCCTCAACGAGATGCG
TGACCAGTATGAGAAGATGGCAGAGAAGAACCGAAGGATGCCGAGGATTGGTTCTTTCAGCAAGACAGAG
GAACTGAACCGGAGGTGGCCACCAACAGTGAAGTGGTGCAGAGTGGCAAGAGTGAATCTCGGAGCTCC
GGCGCACCATGCAGGCCCTGGAGATAGAGCTGCACTCCAGCTCAGCATGAAAGCATCCCTGGAGGGCAA
CCTGGCGGAGACAGAGAACCCTACTGCGTGCAGCTGTCCAGATCCAGGGGCTGATTGGCAGCGTGGAG
GAGCAGCTGGCCAGCTTCGCTGCGAGATGGAGCAGCAGAACCAGGAATACAAAATCCTGCTGGATGTGA
AGACGCGGCTGGAGCAGGAGATTGCCACCTACCGCCGCTGCTGGAGGGAGAGGATGCCACCTGACTCA
GTACAAGAAAGAACCCTGACCACCGTCAAGTGCCTACCATTGTGAAGAGGTCCAGGATGGCAAGGTC
ATCTCTCCCGGAGCAGGTCCACCAGACCACCCG

ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAA



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Reconstitution Method:

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_000422.3](#)

RefSeq Size: 1512 bp

RefSeq ORF: 1299 bp

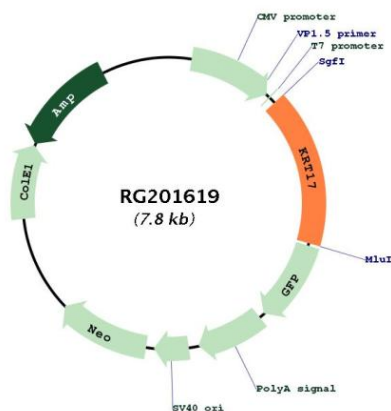
Locus ID: 3872

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]

Product images:



Circular map for RG201619