

## Product datasheet for **RG208312**

### **KRT34 (NM\_021013) Human Tagged ORF Clone**

#### Product data:

Product Type:	Expression Plasmids
Product Name:	KRT34 (NM_021013) Human Tagged ORF Clone
Tag:	TurboGFP
Symbol:	KRT34
Synonyms:	Ha-4; HA4; hHa4; KRTHA4
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)
ORF Nucleotide Sequence:	>RG208312 representing NM_021013 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**CGATCGCC**

ATGCTGTATGCCAAGCCCCACCCACAATTAATGGTATAAAAAGGACTGCAGAGGAAGGAGAGACTCAAAC  
CTGCCACATCCACCTCCAGCAGCTTACCTGCTTTTCCATTACCTGTTCCAGCACCATGTCTTACAGTTG  
TTGCTGCCAGCCTGGGCTGCCGACCAGCTGCTCCTCCGGCCCTGCGTGCCCCCAGCTGCCACGGC  
TACACCCTGCCTGGGCTGCAACATCCCCGCAATGTGAGCAACTGCAACTGGTCTGTGAGGGCTCCT  
TCAATGGCAGCGAGAAGGAGACTATGCAGTTCCCTGAACGACCGCCTGGCCAGCTACCTGGAGAAGGTGCG  
TCAGCTGGAGCGGACAACGCGGAGCTGGAGAACTCATCCAGGAGCGGTCCAGCAGCAGGAGCCCTTG  
CTGTGCCCCAGCTACCAGTCTACTTCAAGACCATTGAGGAGCTCCAGCAGAAGATTCTGTGTGCCAAGG  
CTGAGAATGCCAGGCTGGTGGTGAACATTGACAATGCCAAGCTGGCCTCTGACGACTTCAGAAGCAAGTA  
CCAGACGGAGCAGTCCCTGAGGCTGTTGGTGGAGTCGGACATCAACAGCATACGCAGGATCCTGGATGAG  
CTGACCTCTGCAAGTCTGACCTGGAGTCCCAGGTGGAGTCCCTGAGGGAGGAGCTGATCTGCTTGAAGA  
AGAACCATGAGGAGGAGGTTAACACCCTGCGCTCCCAGCTGGAGACCGCCTCAACGTGGAGGTGGACAC  
TGCCCCACTGTGGACCTGAACCAAGTCTGAACGAGACCAGGAGTCAGTATGAGGCTCTGGTGGAAATT  
AACCGCAGGGAAGTGGACAAATGGTTCGCCACGCAGACCGAGGAGCTGAACAAGCAGGTGGTATCCAGCT  
CAGAGCAGCTGCAGTCTGCCAGGCGGAGATCATCGAGCTGAGACGCACAGTCAACGCCCTGGAGATCGA  
GCTGCAGGCCAGCACAACCTGCGAGACTCTCTGAAAAACACGCTGACGGAGAGCGAGGCCCACTACAGC  
TCCCAGCTGTCCCAGGTGCAGAGCCTGATCACCAACGTGGAGTCTCAGCTGGCAGAGATCCGCTGTGACC  
TGGAGCGGCAGAACCAGGAGTACCAGGTGCTGCTGGACGTGCGTGCCCGCTGGAGTGTGAGATCAACAC  
GTACCGGAGCCTCCTGGAGAGTGGAGACTGCAAGCTCCCCTGCAACCCATGCGCCACCACCAATGCTAGT  
GGCAACTCCTGTGGACCTGTGGCACCTCTCAAAGGGTTGCTGTAAT

**ACGCGT**ACGCGGCCGCTCGAG - 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\\_021013.3](#), [NP\\_066293.2](#)

**RefSeq Size:** 1713 bp

**RefSeq ORF:** 1311 bp

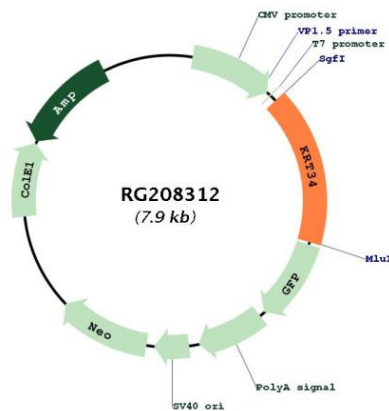
**Locus ID:** 3885

**UniProt ID:** [O76011](#)

**Cytogenetics:** 17q21.2

**Gene Summary:** The protein encoded by this gene is a member of the keratin gene family. As a type I hair keratin, it is an acidic protein which heterodimerizes with type II keratins to form hair and nails. The type I hair keratins are clustered in a region of chromosome 17q12-q21 and have the same direction of transcription. [provided by RefSeq, Jul 2008]

**Product images:**



Circular map for RG208312