

Product datasheet for **SC126360**

KRT34 (NM_021013) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	KRT34 (NM_021013) Human Untagged Clone
Tag:	Tag Free
Symbol:	KRT34
Synonyms:	Ha-4; HA4; hHa4; KRTHA4
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)



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Fully Sequenced ORF: >OriGene sequence for NM_021013 edited
 AAAATTAGCTGAAGCATTAGGAAAGGAAACTATGCTGTATGCCAAGCCCCACCCACAAT
 TAATGGTATAAAAAGGACTGCAGAGGAAGGAGAGACTCAAACCTGCCACATCCACCTCCA
 GCAGCTTACCTGCTTTCCATTACCTGTTCCAGCACCATGTCTTACAGTTGTTGCCTGCC
 CAGCCTGGGCTGCCGACCAGCTGCTCCTCCCGGCCCTGCGTGCCCCCAGCTGCCACGG
 CTACACCCTGCCTGGGGCTGCAACATCCCCGCAATGTGAGCAACTGCAACTGGTTCTG
 TGAGGGCTCCTTCAATGGCAGCGAGAAGGAGACTATGCAGTTCCTGAACGACCCGCTGCC
 CAGCTACCTGGAGAAGGTGCGTCAGCTGGAGCGGACAACGCGGAGCTGGAGAACTCAT
 CCAGGAGCGTCCCAGCAGCAGGAGCCCTTGTGTGCCCCAGCTACCAAGTCTACTTCAA
 GACCATTGAGGAGCTCCAGCAGAAGATTCTGTGTGCCAAGGCTGAGAATGCCAGGCTGGT
 GGTGAACATTGACAATGCCAAGCTGGCCTCTGACGACTTCAGAAGCAAGTACCAGACGGA
 GCAGTCCCTGAGGCTGTTGGTGGAGTCGGACATCAACAGCATAACGAGGATCCTGGATGA
 GCTGACCCTCTGCAAGTCTGACCTGGAGTCCCAGGTGGAGTCCCTGAGGGAGGAGCTGAT
 CTGCTTGAAGAAGAACCATGAGGAGGAGTTAACACCCTGCGCTCCCAGCTTGGAGACCG
 CCTCAACGTGGAGGTGGACACTGCCCCACTGTGGACCTGAACCAGGTCTGAACGAGAC
 CAGGAGTCAGTATGAGGCTCTGGTGGAAACTAACCGCAGGGAAGTGGAGCAATGGTTCGC
 CACGCAGACCCGAGGAGCTGAACAAGCAGGTGGTATCCAGCTCAGAGCAGCTGCAGTCCCTG
 CCAGGCGGAGATCATCGAGCTGAGACGCACAGTCAACGCCCTGGAGATCGAGCTGCAGGC
 CCAGCACAACTGCGGAGACTCTCTGGAAAACACGCTGACGGAGAGCGAGGCCACTACAG
 CTCCCAGCTGTCCAGGTGCAGAGCCTGATCACCAACGTGGAGTCTCAGCTGGCAGAGAT
 CCGCTGTGACCTGGAGCGGCAGAACCAGGAGTACCAGGTGCTGCTGGACGTGCGTGCCCG
 GCTGGAGTGTGAGATCAACACGTACCGGAGCCTCCTGGAGAGTGGAGACTGCAAGCTCCC
 CTGCAACCCATGCGCCACCACCAATGCTAGTGGCAACTCCTGTGGACCCTGTGGCACCTC
 TCAAAGGGTTGCTGTAATTGAAAAGCTTGATCCTCTTTGAAGACATCTACAAAGCCAT
 TTAGATCAACCACAGGAAGGATCCTCAAGTCTGACTTTTCTGGAGCTCAGCTGACATCA
 AGAAACCTCATCTTGCTCTATGTTATTTCTAGAATGCTGAAAAGCTTTCTGACCCAAG
 CAAAGACACACATCAACTTCCAATGTCTGGACAACCTCCTTCTGTTGAGGGTCGAGC
 CTGTTTGTCTTAAAGATGTTCCAGCTCCCTGTAATCTGAGCTCCAGTTACTACTTAAGGT
 GTTTCCTGAACGTACTACTGCATTTCTGTTTTCTTTTTCTTTGGCATTCTCTGGAAT
 GCAAGGAGGAGACTTCATTTACTTCCCAATAAACTTCATTTCTCTGGCATAAAAAAAAAA
 AAAAAAA

5' Read Nucleotide Sequence: >OriGene 5' read for NM_021013 unedited
 TTCGAATTTTGAATACGACTTCACTATAGGGCGGCCGCGATTCCGGCAGGAGAAAATTA
 GCTGAAGCATTAGGAAAGGAAACTATGCTGTATGCCAAGCCCCACCCACAATTAATGGT
 ATAAAAGGACTGCAGAGGAAGGAGAGACTCAAACCTGCCACATCCACCTCCAGCAGCTT
 ACCTGCTTTTCCATTACCTGTTCCAGCACCATGTCTTACAGTTGTTGCTGCCAGCCTG
 GGCTGCCGACCAGCTGCTCCTCCCGGCCCTGCGTGCCCCCAGCTGCCACGGTACACC
 CTGCTGGGGCCTGCAACATCCCCGCAATGTGAGCAACTGCAACTGGTTCTGTGAGGGC
 TCCTTCAATGGCAGCGAGAAGGAGACTATGCAGTTCCTGAACGACCGCCTGGCCAGCTAC
 CTGGAGAAGGTGCGTCAGCTGGAGCGGACAACGCGGAGCTGGAGAACTCATCCAGGAG
 CGGTCCCAGCAGCAGGAGCCCTTGTGTGCCCCAGCTACCAGTCTACTTCAAGACCATT
 GAGGAGCTCCAGCAGAAGATTCTGTGTGCCAAAGCTGAGAATGCCAGGCTGGTGGTGAAC
 ATTGACAATGCCAAGCTGGCCTCTGACGACTTCAGAAGCCAGTCCCAGACGGAGCAATCC
 CCTGAAGCTGTTGGTGGAGTCCGACCTCAACAGCATAACGACGATCCCGGATGAAGTAC
 CCTCTGCCAGTCTGACCTGGAATCCCAGGTGGAGTCCCTGAAGGAGGAGCTGATCTGCTT
 GAAAAAAACCCATGAGGAGAAGTTAACACCTGCCCTCCCAACTTGAACCCCTCACCTG
 GGAGGTGGCACTGCCCCCTGGGGAACCTGACCAGTTCCTGACCAAACCCGAAGTCAAA
 GAAGCCTATGGGAACCTAACCCAGGAATGGACCCTGGTTCCTCCCCCACCAGGAC

Restriction Sites: Please inquire
ACCN: NM_021013

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_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]