

Product datasheet for **SC126116**

Keratin 36 (KRT36) (BC043581) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Keratin 36 (KRT36) (BC043581) Human Untagged Clone
Tag:	Tag Free
Symbol:	KRT36
Synonyms:	HA6; hHa6; keratin, hair, acidic, 6; keratin, type I cuticular Ha6; Keratin 36; KRTHA6
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)
Cell Selection:	None



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Fully Sequenced ORF: >OriGene sequence for BC043581 edited
 GCAGCTTGAACCTAGTTCTCGCTGAGTCCCGGCTCAGGGCCCTTCCCTTGGGTCTGGGGGG
 TTGGCTGTGCAGTCAACAATAAGGAAAAAGGCAAGACTGAGGGCAGCTGAAAGACTTT
 TACCTTTGACGAGCTGGTCCACCTGCTCCAGGGAAGGTACATTCTCTCCCCACAACCCTA
 GAGGCACCTCTCTGGTCCACAGTGTCCCTCCTGATGCTCAGGTCGGGCCTCTCTGGCCTT
 GGGAGCTGCTTGCCTGGCTCCTACCTGTCTTCTGAGTGCCACACCTCTGGCTTTGTGGG
 AGCGGGGCTGGTTCTGCGAGGGCTCCTTCAACGCGCAGCGAGAAGGAGACTATGCAGTTC
 CTGAACGACCGCCTGGCCAACCTACCTGGAGAAGGTGCGTCAGCTGGAGCGGGAGAACGCG
 GAGCTGGAGAGCCGCATCCAGGAGTGGTACGAGTTTCAGATCCCATACATCTGCCAGAC
 TACCAGTCTACTTCAAGACCATCGAAGATTTCCAGCAGAAGATCCTGCTGACTAAGTCT
 GAGAATGCCAGGCTGGTCTGCAGATTGATAATGCCAAGCTGGCTGCTGACGACTCCGG
 ACCAAGTATGAGACAGAGCTGTCTCTGCGGCAGCTAGTGGAGGCCGACATCAACGGCCTG
 CGTAGGATCCTGGATGAGCTGACCCTGTGCAAGGCTGACCTGGAGGCTCAGGTGGAGTCC
 CTGAAGGAGGAGCTGATGTCCCTCAAGAAGAATCAGGAGGGAAGTCAGTGTACTCCGT
 TGCCAACCTGGGGACCGACTGAATGTGGAGGTGGACGCTGCTCCCCAGTGGATCTCAAC
 AAGATCCTGGAGGATATGAGATGCCAGTACGAGGCCCTGGTGGAGAATAACCGCAGAGAT
 GTGGAGGCTGGTTCAACACCCAGACTGAGGAGCTGAACCAGCAGGTGGTGTCCAGCTCG
 GAGCAGCTGCAGTGTGCCAGACGGAGATCATCGAGCTGAGACGTACGGTCAACGCGCTA
 GAGATTGAGTGCAGGCTCAGCACAGCATGCGGAATTCCTTGAATCCACCCTGGCCGAA
 ACCGAGGCCCGCTACAGTCCCAGCTGGCCAGATGCAGTGCCTGATCAGCAACGTGGAG
 GCCCAGCTGTCTGAGATCCGCTGCGACCTGGAGCGCAGAACCAGGAGTACCAGGTGTTA
 CTGGACGTCAAGGCCCGCTGGAGGGCGAGATCGCTACCTACCGCCACCTGCTGGAGGGA
 GAGGACTGCAAGCTTCTCCCCAACCTTGTGCCACGGCATGCAAGCCTGTTATTAGATT
 CTTCTGTCCCCCGGTGCCCTGTGTCCCTCTGTGCCCTGCACCCCGCTCCCCAGTT
 GGCACTCAGATCCGCACCATCACCGAGGAGATCAGAGATGGGAAAAGTCATCTCTCCAGG
 GAGCAGTGCAGTCCCGCCGCTGTGACAGCCACTTGGTCCACCAGGGCAGGGCCCTGA
 CCACAGGAAGGAGGACACCCCTGTGGCTCCTGGAGGCTTAACGACCCTGCCCTTCTCTAG
 AGGGGTCCCCCTACGCTTAGCAGGTTTTTCTACCAAAACACTCCCCGATTGTGTTTCCG
 GACTTAACTGTGCTTTTACGCCATGCAAAACCAGGTTTCTGGAAATTTACCAATAAAG
 TGTGTTCTCCTGGCATAGCAAACCAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAA
 AAAAAAAAAA

5' Read Nucleotide Sequence: >OriGene 5' read for BC043581 unedited
 NGGGTTCTGATTTGTAACCCTACTATAGGCGCCGCGNAATTCGATCTGGTACCGGT
 CCGGAATCCCAGGATAGCAGCTTGAACCTAGTTCTCGCTGAGTCCCGGCTCAGGGCCCT
 TCCCTTGGGTCTGGGGGTTGGCTGTGCAGTCAACAATAAGGAAAAAGGCAAGACTGA
 GGGCAGCTGAAAGACTTTTACCTTTGACGAGCTGGTCACTGCTCCAGGGAAGGTACATT
 CCTCTCCCCACAACCCTAGAGGCACCTCTCTGGTCCACAGTGTCCCTCCTGATGCTCAGG
 TCGGGCCTCTCTGGCCTTGGGAGCTGCTTGCCCTGCTACCTGTCTTCTGAGTGCCAC
 ACCTCTGGCTTTGTGGGAGCGGGGCTGGTTCTGCGAGGGCTCCTTCAACGCGCAGCGAG
 AAGGAGACTATGCAGTTCTGAACGACCCTGGCCAACCTACCTGGAGAAGGTGCGTCAG
 CTGGAGCGGGAGAACCGGAGCTGGAGAGCCGCATCCAGGAGTGGTACGAGTTTCAGATC
 CCATACATCTGCCAGACTACCAGTCTACTTCAAGACCATCGAAGATTTCCAGCAGAAG
 ATCCTGCTGACTAAGTCTGAGAATGCCAGGCTGGTCTGCAGATTGATAATGCCAAGCTG
 GCTGCTGACGACTCCGGACCAAGTATGAGACAGAGCTGTCTCTGCNGCAGCTAGTGGAG
 GCCGACATCAACGGCCTGCGTANGATCCTGGATGAGCTGACCCTGTGCAAGGCTGACCTG
 NNAGCCTCAGTGGAGTCCCTGAAGGAGGAGCTGATGTCCCTNAGAAGATCACGAGGAGG
 AAGTCAGTGTACTCCGTTGCCCAACTTGGGGACGG

Restriction Sites: NotI-NotI
ACCN: BC043581

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:	BC043581.1 , AAH43581.1
RefSeq Size:	1751 bp
Locus ID:	8689
Cytogenetics:	17q21.2
Gene Summary:	The protein encoded by this gene is a member of the keratin gene family. This type I hair keratin 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]