

Product datasheet for **RC218734**

Keratin 36 (KRT36) (NM_003771) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Keratin 36 (KRT36) (NM_003771) Human Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Keratin 36
Synonyms:	HA6; hHa6; KRTHA6
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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ORF Nucleotide Sequence:

>RC218734 representing NM_003771
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCCGCGATCGCC

ATGCCACCCAGACCTGCACCCCTACCTTCTCCACTGGGTCTATCAAGGGCTCTGTGGCACAGCAGGCG
 GCATCTCTCGGGTGTCTCCATCCGTTCTGTGGGCTCCTGCAGGGTCCCCAGTCTCGCCGTGCTGCAGG
 GTACATCTCTTCTGCTAGGTCGGCCTCTCTGGCCTTGGGAGCTGCTTGCCTGGCTCCTACCTGTCTTCT
 GAGTGCCACACCTCTGGCTTTGTGGGAGCGGGGCTGGTTCTGCGAGGGCTCCTCAACGGCAGCGAGA
 AGGAGACTATGCAGTTCTGAACGACCGCTGGCCAACTACCTGGAGAAGGTGCGTCAGCTGGAGCGGGA
 GAACGCGGAGCTGGAGAGCCGCATCCAGGAGTGGTACGAGTTTCAGATCCCATACATCTGCCAGACTAC
 CAGTCTACTTCAAGACCATCGAAGATTTCCAGCAGAAGATCCTGCTGACTAAGTCTGAGAATGCCAGGC
 TGGTCTCGCAGATTGATAATGCCAAGCTGGCTGCTGACGACTCCGGACCAAGTATGAGACAGAGCTGTC
 TCTGCGCAGCTAGTGGAGGCCGACATCAACGGCCTGCGTAGGATCCTGGATGAGCTGACCTGTGCAAG
 GCTGACCTGGAGGCTCAGGTGGAGTCCCTGAAGGAGGAGCTGATGTGCCTCAAGAAGAATCACGAGGAGG
 AAGTCAGTGTACTCCGTTGCCAACTTGGGGACCGACTGAATGTGGAGGTGGACGCTGCTCCCCAGTGGA
 TCTCAACAAGATCCTGGAGGATATGAGATGCCAGTACGAGGCCCTGGTGGAGAATAACCGCAGAGATGTG
 GAGGCCTGGTTCAACACCCAGACTGAGGAGCTGAACCAGCAGGTGGTGTCCAGCTCGGAGCAGCTGCAGT
 GCTGCCAGACGGAGATCATCGAGCTGAGACGTACGGTCAACGCGCTAGAGATTGAGCTGCAGGCTCAGCA
 CAGCATGCGGAATTCCTTGGAAATCCACCCTGGCCGAAACCGAGGCCCGCTACAGCTCCAGCTGGCCAG
 ATGCAGTGCCTGATCAGCAACGTGGAGGCCAGCTGTCTGAGATCCGCTGCGACCTGGAGCGGCAGAACC
 AGGAGTACCAGGTGTTACTGGAGTCAAGGCCGGCTGGAGGGGAGATCGCTACCTACCGCCACCTGCT
 GGAGGGAGAGGACTGCAAGCTTCCCTCCCAACCTTGTGCCACGGCATGCAAGCCTGTTATTAGAGTTCT
 TCTGTCCCCCGGTGCCCTGTGTCCCTCTGTGCCCTGCACCCCGCTCCCCAGGTTGGCACTCAGATCC
 GCACCATCACCGAGGAGATCAGAGATGGGAAAGTCATCTCCTCCAGGGAGCACGTGCAGTCCCGCCCGCT
 G

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>RC218734 representing NM_003771
 Red=Cloning site Green=Tags(s)

MATQTCTPTFSTGSIKGLCGTAGGISRVSSIRSVGSCRVPFLAGAAGYISSARSLGSLGSLPGSYLSS
 ECHTSGFVSGGWFCEGSFNGSEKETMQFLNDRLANYLEKVRQLERENAELESRIQEWYEFQIPYICPDY
 QSYFKTIEDFQKILLTKSENARLVLQIDNAKLAADDFRTKYETELSLRQLVEADINGLRRILDELTLCK
 ADLEAQVESLKEELMCLKKNHEEEVSLRCQLGDRLNVEVDAAPPVDLNKILEDMRCQYEAALVENNRRDV
 EAWFNTQTEELNQVVSSEQLQCCQTEIIELRRTVNALEIELQAQHSRNSLESTLAETEARYSSQLAQ
 MQCLISNVEAQLSEIRCDLERQNEQYVLLDVKARLEGEIATYRHLLEGEDCKLPPQPCATACKPVIRVP
 SVPPVPCVSPVCTPAPQVGTQIRTITEEIRDGKVISSREHVQSRPL

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Chromatograms:

https://cdn.origene.com/chromatograms/mk8021_b09.zip

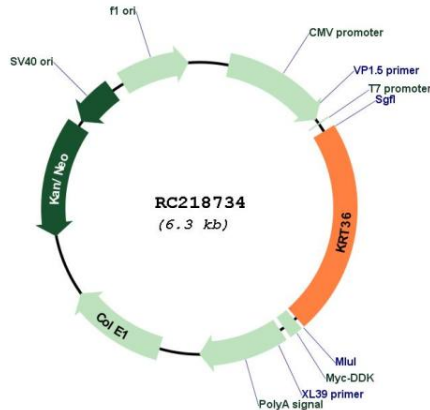
Restriction Sites:

Sgfl-Mlul

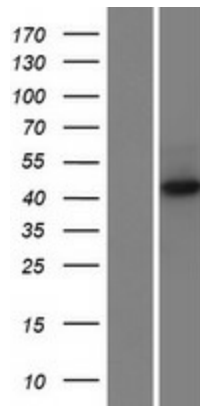
MW: 52.1 kDa

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]

Product images:



Circular map for RC218734



Western blot validation of overexpression lysate (Cat# [LY418446]) using anti-DDK antibody (Cat# [TA50011-100]). Left: Cell lysates from untransfected HEK293T cells; Right: Cell lysates from HEK293T cells transfected with RC218734 using transfection reagent MegaTran 2.0 (Cat# [TT210002]).