

Product datasheet for **RC228143**

KRTAP4-9 (NM_001146041) Human Tagged ORF Clone

Product data:

Product Type: Expression Plasmids
Product Name: KRTAP4-9 (NM_001146041) Human Tagged ORF Clone
Tag: Myc-DDK
Symbol: KRTAP4-9
Synonyms: KAP4.9
Mammalian Cell Selection: Neomycin
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
ORF Nucleotide Sequence: >RC228143 representing NM_001146041
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGCC**

ATGGTCAGCTCCTGTTGTGGCTCCGTGTGCTCTGACCAGGGCTGCGGCCAAGACCTCTGTCAGGAGACCT
 GCTGCCGCCCCAGCTGCTGTGAGACCACCTGCTGCAGGACCACCTGCTGCCGCCCCAGCTGTTGTGTATC
 CAGCTGCTGCAGGCCAGTGTGCCAGTCTGTGTGCTGCCAACCACCTGTTCCCGCCCCAGCTGCTGT
 CAGACCACCTGTTGCAGGACCACCTGCTACCGCCCCAGCTGTTGTGTGTCAGCTGCTGCAGGCCCCAGT
 GCTGCCAGCTGGTGTGCCAACCACCTGCTGTGCGCCCCAGCTGCTGTGAGACGACCTGCTGCCACCC
 TAGGTGCTGCATCTCCAGCTGCTGTGCGCCCCAGCTGCTGTGTGTCAGCTGCTGCAAGCCCCAGTGTGC
 CAGTCTGTGTGCTGCCAGCCCACTGCTGCCGCCCCAGCTGCAGCATCTCCAGCTGCTGCCGCCCCCTCT
 GCTGTGAATCCAGCTGCTGCCGCCCCCTGCTGCTGCGTGGTCCAGTCTGTGGCCGAGTCTCTGCCACAC
 CACTTGCTATCGCCCAACCTGTGTATCTCCAGCTGCCCCGCCCCCTGTGCTGTGCCTCTCTTGTGTC

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence: >RC228143 representing NM_001146041
 Red=Cloning site Green=Tags(s)

MVSSCCGSVSDQGGQDLQETCCRPSCCETTCRRTCCRPSCCVSSCCRPQCCQSVCCQPTCSRPSCC
 QTTCRRTCYRPSCCVSSCCRPQCCQACCQPTCCRPSCCETTCCHPRCCISSCCRPSCCVSSCCRPQCC
 QSVCCQPNCCRPSCSISSCCRPSCCESSCCRPCCVPRVCGRVSCHTTCYRPTCVISSCRPLCCASSCC

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

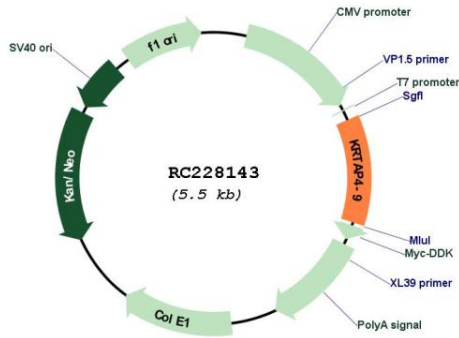


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MW: 22.2 kDa

Gene Summary: In the hair cortex, hair keratin intermediate filaments are embedded in an interfilamentous matrix, consisting of hair keratin-associated proteins (KRTAP), which are essential for the formation of a rigid and resistant hair shaft through their extensive disulfide bond cross-linking with abundant cysteine residues of hair keratins. The matrix proteins include the high-sulfur and high-glycine-tyrosine keratins.[UniProtKB/Swiss-Prot Function]

Product images:



Circular map for RC228143