

Product datasheet for SC305313

KRTAP1-1 (NM_030967) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	KRTAP1-1 (NM_030967) Human Untagged Clone
Tag:	Tag Free
Symbol:	KRTAP1-1
Synonyms:	HB2A; hKAP1.7; KAP1.1; KAP1.1A; KAP1.1B; KAP1.6; KAP1.7; KRTAP1.1; KRTAP1A
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>SC305313 representing NM_030967. Blue=Insert sequence Red=Cloning site Green=Tag(s)

GCTCGTTTAGTGAACCGTCAGAATTTTGTAAACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTG
 GATCCGGTACCGAGGAGATCTGCCGCC**CGCATCGCC**
 ATGGCCTGCTGTCAGACCAGCTTCTGTGGATTTCCAGCTGCTCCACCAAGTGGGACCTGCGGCTCCAGC
 TGCTGCCAGCCAAGCTGCTGTGAGACCAGCTCCTGCCAGCCACGCTGCTGTGAGACCAGCTGCTGCCAG
 CCAAGCTGCTGCCAGACCAGCTTCTGTGGATTTCTAGCTTCTCAACCGGTGGGACTTGTGACTCTAGC
 TGCTGCCAGCCAAGCTGCTGTGAACTAGCTGCTGCCAGCCAAGCTGCTACCAGACCAGCTCCTGCCGA
 ACTGGCTGTGGCATTGGTGGTGGCATTGGCTATGGCCAGGAGGGCAGCAGTGGAGCTGTGAGCACCCGT
 ATCAGGTGGTGGCGCCAGACTGCCGTGTGGAGGGTACCTGCCTGCCCCCTGCTGCGTGGTGAGCTGC
 ACACCCCATCCTGCTGCCAGCTGCACCACGCCGAGGCCTCCTGCTGCCGCCATCCTACTGTGGACAG
 TCCTGTTGCCGCCAGTCTGCTGCTGCTACTGCTCTGAGCCCACTTGT**TGA**
ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGAT
 TACAAGGATGACGACGATAAGGTTTAAACGGCCGCC

Restriction Sites:	SgfI-MluI
ACCN:	NM_030967
Insert Size:	534 bp
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).


[View online »](#)

OTI Annotation:	This TrueClone is provided through our Custom Cloning Process that includes sub-cloning into OriGene's pCMV6 vector and full sequencing to provide a non-variant match to the expected reference without frameshifts, and is delivered as lyophilized plasmid DNA.
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:	<u>NM_030967.2</u>
RefSeq Size:	903 bp
RefSeq ORF:	534 bp
Locus ID:	81851
UniProt ID:	<u>Q07627</u>
Cytogenetics:	17q21.2
MW:	18.2 kDa
Gene Summary:	This protein is a member of the keratin-associated protein (KAP) family. The KAP proteins form a matrix of keratin intermediate filaments which contribute to the structure of hair fibers. KAP family members appear to have unique, family-specific amino- and carboxyl-terminal regions and are subdivided into three multi-gene families according to amino acid composition: the high sulfur, the ultrahigh sulfur, and the high tyrosine/glycine KAPs. This protein is a member of the high sulfur KAP family and the gene is localized to a cluster of KAPs at 17q12-q21. [provided by RefSeq, Jul 2008]