

Product datasheet for **SC123080**

KRTAP2-4 (NM_033184) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	KRTAP2-4 (NM_033184) Human Untagged Clone
Tag:	Tag Free
Symbol:	KRTAP2-4
Synonyms:	KAP2.1B; KAP2.3; KAP2.4; KRTAP2-3; KRTAP2.3; KRTAP2.4
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	>OriGene sequence for NM_033184 edited

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CATCCAGCTCCTCTCAACAGCCCAACCCACACCAGCCTCAGACACCACCATGACCGGCTC
CTGCTGCGGCTCCACCTTGTCCTCCCTGAGCTACGGGGGAGGCTGCTGCCAGCCCTGCTG
CTGCCGCGACCCCTGCTGCTGCCGCCCGTGACCTGCCAGACCACCGTGTGCCGCCCGGT
GACCTGCGTGCCCGCTGCACGCGCCCATCTGCGAGCCCTGCCGCCCGCGGTGTGCTG
CGACCCCTGCTCCCTGCAGGAAGGCTGCTGCCGCCCATCACCTGCTGCCCTCGTCGTG
CACGGCTGTGGTGTGCAGGCCCTGCTGCTGGGCCACCACTGCTGCCAGCCTGTGTCTGT
GCAGTCCCCCTGCTGCCGGCCTCCCTGCGGCCAGCCGACCCCTTGACGACCACTGCAG
GACCTCCTCTGCTGAGACCCACCTCTCCTCTCAACGCACGAAACATTCCCAGGTGCAC
AGAAGCTTGTGCAGACTTTCTACCCCTTCTGGATCAGATGAGAGACTCCACCTTTGCAG
CCTAGCTGATCCTCAAGCACGAATTCAACAATAACATCCTATCTATTTCCCCACATAATT
ATGCAGCTAATCCTGGCCCTCTCTGACAATCTTGAGAAAAATTCCAGCTTTCATCATTGC
AATTTCCTGGCTTGAAAAAAAAAACGAGTAAATAAAATCAAAGCTCCTCTTGAATAGAAC
TCTGTCCCACTGACTCATCACCTTTTTTCTACTGTTTCAAGTTCTCAGATGAGATTTT
TTTCTCCAGGATAATACTATTTGTATGCTGTATTTTGCAGTGTAAAAAAAATAAAAT
TATATTCTGGGAAAAAAAAAAAAAAAAAAAAAAAAAAAAA

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5' Read Nucleotide Sequence:	>OriGene 5' read for NM_033184 unedited <pre>GTAGCCTTCANATATTTGTATACGACTCACTATAGGGCGGCCGCAATTCGATCTGGTA CCGGNTCCGGATTCCCGGGATATCGTCGACCCACGCGTCCGCCACGCGTCCGCATCCAG CTCCTCTCAACAGCCCAACCCACACCAGCCTCAGACACCACCATGACCGGCTCCTGCTGC GGTCCACCTTGTCTCCCTGAGCTACGGGGGAGGCTGCTGCCAGCCCTGCTGCTGCCGC GACCCCTGCTGCTGCCGCCCCGTGACCTGCCAGACCACCGTGTGCCGCCCCGTGACCTGC GTGCCCGCTGCACGCGCCCCATCTGCGAGCCCTGCCGCGCCCGGTGTGCTGCGACCCC TGCTCCCTGCAGGAAGGCTGCTGCCGCCCATCACTGCTGCCCTCGTGTGACGGCT GTGGTGTGCAAGGCCCTGTGCTGGGCCACCACTGCTGCCAGCCTGTGTCTGTGAGTCC CCCTGCTGCCGGCTCCCTGCGGCCAGCCGACCCCTTGACGACCACTGCAGGACCTCC TCCTGCTGAGACCCACCTCTCTCTCAACGCACGAAACATTCCAGGTGCACAGAAGCT TGTGCAGACTCTTCTACCCCTTCTGGATCAGATGAGAGACTCCACCTTTGCAGCTACCT GATCCTCCAGCACGAATCCACAATAACATCCTATCTATTTCCACCTATTATGCAGCTA AACCTGGCCCTCTGACAATCCTTGAATAAATCCAGCTTTACACATCAAATCCCGGC CTGAAAAAACCAGTAGATAAAATCAGAAGCTCCTCTGAAATAGACATTGGCCAC TGACATAACACCTTTTTTCTACGGGTTCCAGCTTCCAAAAGGAAATATTTT</pre>
Restriction Sites:	Please inquire
ACCN:	NM_033184
Insert Size:	881 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).
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:	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_033184.2 , NP_149440.1
RefSeq Size:	812 bp
RefSeq ORF:	387 bp
Locus ID:	85294
UniProt ID:	P0C7H8
Cytogenetics:	17q21.2

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]