

## Product datasheet for **SC212275**

### **RAP1A (NM\_001010935) Human 3' UTR Clone**

#### Product data:

Product Type:	3' UTR Clones
Product Name:	RAP1A (NM_001010935) Human 3' UTR Clone
Symbol:	RAP1A
Synonyms:	C21KG; G-22K; KREV-1; KREV1; RAP1; SMGP21
Mammalian Cell Selection:	Neomycin
Vector:	pMirTarget (PS100062)
ACCN:	NM_001010935
Insert Size:	1095 bp
Insert Sequence:	>SC212275 3' UTR clone of NM_001010935 The sequence shown below is from the reference sequence of NM_001010935. The complete sequence of this clone may contain minor differences, such as SNPs. <b>Red</b> =Cloning site <b>Blue</b> =Stop Codon

CAATTGGCAGAGCTCAGAATTCAAGCGATCGC

TCATGTCTGCTGCTCTAGGCCCATAGTCAGCAGCAGCTCTGAGCCAGATTACAGGAATGAAGAACTGTTG  
CCTAATTGGAAGTGCCAGCATTCCAGACTTCAAAAAATAAAAAATCTGAAGAGGCTTCTCCTGTTTTATA  
TATTATGTGAAGAATTTAGATCTTATATTGGTTTGCACAAGTTCCCTGGAGAAAAAATTGCTCTGTGTA  
TATCTCTGGAAAATAAGACAATAGTATTTCTCCTTTGCAATAGCAGTTATAACAGATGTGAAAATATA  
TTGACTCTAATATGATTATACAAAAGAGCATGGATGCATTTCAAATGTTAGATATTGCTACTATAATCAA  
ATGATTTTCATATTGATCTTTTTATCATGATCCTCCCTATCAAGCACTAAAAAGTTGAACCATTATACTTT  
ATATCTGTAATGATACTGATTATGAAATGTCCCCTCAAACCTATTGCAGCAGATAACTTTTTTGAGTCAT  
TGACTTCATTTTATATTTAAAAAATTATGGAATATCATCTGTCATTATATTCTAATTTAAATTTGTGCATA  
ATGCTTTGAAAAATGGGTCTTTTATAGGAAAAAACTGGGATAACTGATTTCTATGGCTTTCAAAGCTA  
AAATATAATAATACTAAACCACTCTAATATTGCTTCTTGTGTTTTACTGTGAGATTAATTAACAGCTT  
TTATGGATGATTAATTTTAGTACATTTTCATTTGGTTTGTGTTTTGTTTATTGTTTATAGATTAAG  
CGTTTATTTTATAATGACCACATTGTTTTAAATGCGACAGTAGCTCCTTTCTGCCTAGTATCTGCAGAAC  
ACTGGCTTTAAACTATACTAAGTAACTGGTGATTTCTCTAGGAACAGACCTCGCACTTTCTGTTCTAAAT  
ATATTTTCTCTACTATACAGTAAAATACATCAGACAACATAGAATAGTTTTGTATATTCTCTCTTGATC  
TTAAAGATTGTATCTTATTGAATATCCCACTGTATATTATTTTATATGTAAAAAGATAAGTTTAATACT  
GTATCAGGGTTAACTTTTACTATTTTCAGATCTCCACAGCTTGT

ACGCGT AAGCGGCCGCGGCATCTAGATTCTGAAGAAAATGACCG



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<b>Restriction Sites:</b>	Sgfl-Mlul
<b>OTI Disclaimer:</b>	Our molecular clone sequence data has been matched to the sequence identifier above as a point of reference. Note that the complete sequence of this clone is largely the same as the reference sequence but may contain minor differences , e.g., single nucleotide polymorphisms (SNPs).
<b>Components:</b>	The cDNA clone is shipped in a 2-D bar-coded Matrix tube as 10 ug dried plasmid DNA. The package also includes 100 pmols of both the corresponding 5' and 3' vector primers in separate vials.
<b>RefSeq:</b>	<u><a href="#">NM_001010935.1</a></u>
<b>Summary:</b>	This gene encodes a member of the Ras family of small GTPases. The encoded protein undergoes a change in conformational state and activity, depending on whether it is bound to GTP or GDP. This protein is activated by several types of guanine nucleotide exchange factors (GEFs), and inactivated by two groups of GTPase-activating proteins (GAPs). The activation status of the encoded protein is therefore affected by the balance of intracellular levels of GEFs and GAPs. The encoded protein regulates signaling pathways that affect cell proliferation and adhesion, and may play a role in tumor malignancy. Pseudogenes of this gene have been defined on chromosomes 14 and 17. Alternative splicing results in multiple transcript variants. [provided by RefSeq, May 2014]
<b>Locus ID:</b>	5906