

Product datasheet for **SC216622**

ARHGAP11A (NM_014783) Human 3' UTR Clone

Product data:

Product Type:	3' UTR Clones
Product Name:	ARHGAP11A (NM_014783) Human 3' UTR Clone
Symbol:	ARHGAP11A
Synonyms:	GAP (1-12)
Mammalian Cell Selection:	Neomycin
Vector:	pMirTarget (PS100062)
ACCN:	NM_014783
Insert Size:	2000 bp



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Insert Sequence: >SC216622 3'UTR clone of NM_014783
The sequence shown below is from the reference sequence of NM_014783. The complete sequence of this clone may contain minor differences, such as SNPs.
Blue=Stop Codon **Red**=Cloning site

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GGCAAGTTGGACGCCGCAAGATCCGCGAGATTCTCATTAAGGCCAAGAAGGGCGGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC
CTACCAACAAGTAAACCTGTAGATTTGTAATTGGTAAATGTTATACTTGTCTTAATGTAATAAAGTG
AGTAATTGGTATGACTTGCAGGATGATGTACATGTTAGTTGTAGCTCAGGATGATTGTTAAGCAATAG
ATTTGCTCTATTGAAATGTTTCATTTTTTCTACTGTACAAGCAACTTAGATTTTTATTGTACAAATT
ACTTCTTTGTTTTCTTAATGATGGCAATTTTAACTTTAATTTTATTGTGATCTCTTAAAGCAGAGG
TTAGACTTTACCTTTCTGACTCTGTCTCCAGGCTGGAGTGCAGTGGCGCAATCTCACTGCAAGCTCCA
CTTCTGGGTTTCATGCCATTTTCTGCCTCAGCCTCCCGAGTAGCTGGGACTACAGGTGCCCCGCCACCA
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CTGACGTTGTGATCCGCCCGCTCAGCCTCCCAAAGTGTGGGATTACAGGCATGAGCCACCACGCCCG
GCTAGACTTTACCTTTCTAAAGAAATTGTTTACTGGATTATAAAGAAATTAATTTTTGAAATGACATA
TTTTTGTGTGATAGAAAGAAATGGAGCAAGTTGTGCCTATTTCTCCAAGTCAGATAAGGTTTCTAAAT
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CATGTTTATAGATGTTGGAGCAGATTAGAGCAGCATTGATGCTCGGAGCAACAGACTTACAGCATAA
GTATGTACGAGGAATTTCAAATCATCAGATGTTTGCTTGGCTAGGTTCTACTTTGTTTATTTGATATCA
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AGGATGAAATGTTGAATTTGAAGACTAATTCAGTAAGAAGTCTAGGGGTTTAACTGTACATACTACCT
GAACTGGCTTTTCTGAGAGATGAATCAATAATGAAACATGTCTGTTTTAAAACTACCACATGTGACTC
CTATTTTGTGTTAGCTGAAAGCTGCTATACGGAGTATTACAGGAATGTGAAGGTGACTAGCTTGAAGGTA
GGGTAAGTAGAGAGCCAGAAAAGTTTGTTTTAACTTGATTTAATGCGTTTTTATTTTTCTTATAC
ACGCGTAAGCGGCCGCGCATCTAGATTGGAAGAAATGACCGACCAAGCGACGCCAACCTGCCATCA
CGAGATTCGATTCCACCGCCGCTTCTATGAAAGG
  
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Restriction Sites: SgfI-MluI

OTI Disclaimer: 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).

Components: 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.

RefSeq: [NM_014783.6](#)

Summary:

This gene encodes a member of the Rho GTPase activating protein family. In response to DNA damage, the encoded protein interacts with the p53 tumor suppressor protein and stimulates its tetramerization, which results in cell-cycle arrest and apoptosis. A chromosomal deletion that includes this gene is one cause of Prader-Willi syndrome, and an intronic variant of this gene may be associated with sleep duration in children. This gene is highly expressed in colon cancers and in a human basal-like breast cancer cell line. This gene also produces a ARHGAP11A-SCG5 readthrough transcript and ARHGAP11A-SCG5 protein. [provided by RefSeq, Feb 2019]

Locus ID:

9824

MW:

77.7