

Product datasheet for **SC216436**

ROCK2 (NM_004850) Human 3' UTR Clone

Product data:

Product Type:	3' UTR Clones
Product Name:	ROCK2 (NM_004850) Human 3' UTR Clone
Vector:	pMirTarget (PS100062)
Symbol:	ROCK2
Synonyms:	ROCK-II
ACCN:	NM_004850
Insert Size:	2000 bp



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Insert Sequence: >SC216436 3'UTR clone of NM_004850
 The sequence shown below is from the reference sequence of NM_004850. The complete sequence of this clone may contain minor differences, such as SNPs.
 Blue=Stop Codon Red=Cloning site

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GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAAGCCAAGAAGGGCGGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC
CGACAGCTTGCCCAAACAACCTAGCTAACTGCCTTCTATGAAAGCAGTCATTATTCAAGTGATCGT
ATTCTTCCAGTGAAAACAAGACTGAAATATGATGGCCAAAATTTATTAAGGCTATATTTTCCTGAG
AGACTGATACATACACTCATAATATATGTGTTCCCTTTTCCCTGTAATATAAATTACAAATCTGGGC
TCCTTTGAAGCAACAGGTTGAACCAACAATGATTGGTTGATAGACTAAGGATATATGCAACTCTCCAG
ACTTTTCCATAAAGCTCTCTCGGCAGTCGCTCACACTACAATGCACACAAGGATTGAGAAGATTAAG
GCTAAAGAAAACATCTTTTCTAGCTTCAACAGAGAGGTTTACCAGCACATTTACCAGAAGATCTGGG
AATGGATTCCACTACAGTGATATTGACTGCATCTTTAAGAAGTGACCATTATACTGTGTATATATAT
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CTTTATTTTTTATACACATTAATCAGATATCATTACTTGTGTCAGTTGCAACTATGCACTGTATAAAG
CCATAATGTTGGAGTTTATATCACTCATTCCCTGTGTACCTGATGGAAGTTGCATGTTTATGTTAAGCA
GTTACTGTAACAAGAAGTTTAAAGTTAATTATATCAGTTTCTAATGCTTCATGATAGGCAACTTTACC
CATTTTGAATGCCTTAATTTAATTTTTTCAAAGTCTCAGCCCTGTCTGTATTAACAAACAAAAAGC
GTTTACCAGCTCTTAGGATGTAAGTACTGTTGTGGAAGATAAATCGTGCCTATTTTTACACATAAAT
AGTTATATCAATGTCAGCCTATTTTGTAAACAATGTTTTTAAAGTATTATTGGTTATAGAAAACAATA
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CAGTATTAGTCTGTGACTACAAAATTTTTTATTTGCTTTAAATTTGCTGGCTACCCTAGATGTGTTTT
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TTTTTATTTTTTAAATGCTGTCAAAGTTACAGTTTACGCAGGACATTCTTGCCGATTCTCATGATCCC
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GTTTTTTTTTATATTGAAGTCTTTTAAACAGTCTCTTTATATAAATACACAGAGTTTGGTATGATA
TTTAAATACATCATCTGGCCAGGCATGGTGGCTTACGCCTGTAATCCTAGCACTTTGGGAGGCCAAGAC
GGCGGATCACCTGAGGTGAGGAGTTCAAGACCAGCCTGCCAACATAGTAAACTCCGCTCTACCAA
TATACAAAATTAGCCGGGCATGATGGTGGCCTGTAATCCCAGCTACTTGGGAGGCTGAGACAGGA
GAATCGCTTGAACCCAGGAGACGGTGGTTGCAGTGAGCGAAGATCGAGCCACTGCACTCCAGCCTGGGC
AGCTGAACAAGACTCCGCTCAAAAAAAAAAAAAAAAAAAGTCACTAATATTTTCGATGAAGGAAATA
GACATTTTTTATTGATTCCCTCTGATGTGAGATATTTAAAGTTAGATCCCCATAATAGATA
CTATTGTGAAACTGAAGAGTAGCTACTGGCCTACTGATAGACTGAAACTGGTTTTGTTATTCTTAAC
ACGCGTAAAGCGGCCGCGCATCTAGATTCGAAGAAAATGACCGACCAAGCGACGCCAACCTGCCATCA
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_004850.5](#)

Summary: The protein encoded by this gene is a serine/threonine kinase that regulates cytokinesis, smooth muscle contraction, the formation of actin stress fibers and focal adhesions, and the activation of the c-fos serum response element. This protein, which is an isozyme of ROCK1 is a target for the small GTPase Rho. [provided by RefSeq, Jul 2008]

Locus ID: 9475

MW: 78.4