

Product datasheet for **SC213145**

ROC2 (RNF7) (NM_183237) Human 3' UTR Clone

Product data:

Product Type:	3' UTR Clones
Product Name:	ROC2 (RNF7) (NM_183237) Human 3' UTR Clone
Symbol:	ROC2
Synonyms:	CKBBP1; rbx2; ROC2; SAG
Mammalian Cell Selection:	Neomycin
Vector:	pMirTarget (PS100062)
ACCN:	NM_183237
Insert Size:	2000 bp



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Insert Sequence: >SC213145 3'UTR clone of NM_183237
 The sequence shown below is from the reference sequence of NM_183237. 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
TCCACAACCTGCTGCATGTCCCTGTGGGTGAACAGAAACAATCGCTGCCCTCTCTGCCAGCAGGACTGGG
TGGTCCAAAGAATCGGCAATGAGAGTGGTTAGAAGGCTTCTTAGCGCAGTTGTTTCCAGAGCCCTGGTGG
ATCTTGTAAATCCAGTGCCTACAAAGGCTAGAACAACACTACAGGGGATGAATTTCTCAAATAGGAGCCGAT
GGATCTGTGGTCTTTGGGACTCATCAAAGCCTTGGTTTAGCATTGTTGTCAGTTTTATCTTCAGAAATT
CTCTGCGATTAAGAAGATAATTTATTAAGGTGGTCTTCTACCTCTGTGGTGTGTGTCGCGCACACA
GCTTAGAAGTGTATAAAAAAGGAAAGAGCTCAAATGAATCACCTTTATAATTTACCCATTTCTATA
CAACAGGCAGTGGAAAGCAGTTTTCAGAGAACTTTTGCATGCTTATGGTTGATCAGTTAAAAAGAATGT
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GGCAGGGAGAGGGAACGGTCCATGAAATCTTTATGTGATATAAGGATTTTAAAGTTGGGCCAGTGAACA
GGGTAAATAAAATTTAACTTTTGGAGCATATGGAATTTTGGATTGCCTTTAAAGTTACTATTCTGTATCAT
TGATTCATCAAGAAAACCTAGATCTGCACTCACCTCACTGTTCAATCATTGAGTGGTAAAGGACAGAAG
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TAAATGTTTATCATTGTGCAAGTAACTGTTTTAGTAACTTTCTGTTTGGACCTTTTGAAGGTTGCATC
CTTAAATGTGAACCAGATACATGGCTTTGCATTGAAGAGGAAAGCAGTAGAATGTCAGGTTACTTTAG
GCAGTGTGACAGTATATAAATGAAATGTGGAGGATGGTGGTAACAATTTGATTTCCACACAGCAAAAC
CACAGTCCCGCCACCTAACAAAGCCCTGTTTATGCCACACACCAGCATCTGAGGGAAGAGGAGGCACT
ACGCGTAAGCGGCCGCGGCATCTAGATTCGAAGAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA
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_183237.3](#)

Summary:

The protein encoded by this gene is a highly conserved ring finger protein. It is an essential subunit of SKP1-cullin/CDC53-F box protein ubiquitin ligases, which are a part of the protein degradation machinery important for cell cycle progression and signal transduction. This protein interacts with, and is a substrate of, casein kinase II (CSNK2A1/CKII). The phosphorylation of this protein by CSNK2A1 has been shown to promote the degradation of I κ B α (CHUK/IKK- α /IKBKA) and p27Kip1(CDKN1B). Alternatively spliced transcript variants encoding distinct isoforms have been reported. [provided by RefSeq, Jul 2008]

Locus ID:

9616

MW:

75.6