

Product datasheet for **SC205363**

RTKN (NM_033046) Human 3' UTR Clone

Product data:

Product Type: 3' UTR Clones

Symbol: RTKN

Mammalian Cell Neomycin

Selection:

Vector: pMirTarget (PS100062)

ACCN: NM_033046

Insert Size: 429 bp

Insert Sequence: >SC205363 3'UTR clone of NM_033046
The sequence shown below is from the reference sequence of NM_033046. The complete sequence of this clone may contain minor differences, such as SNPs.
Blue=Stop Codon **Red**=Cloning site

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GGCAAGTTGGACGCCGCAAGATCCGCGAGATTCTCATTAAAGGCCAAGAAGGGCGGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC
CCTCGCACTTGGCTCCAGTCACCAAGTGTAGAGAGAAAGGTGCTGGCATAGGATCTGCCCAGAAGAGAA
AATGACCCATGCGCAGTTGGGCTCTGGATACGGCGCTGTCTATAGCAAGTTGGCCAGTCTGGCCTCCTG
TTCCTCTGCTGGACCTGGGGTAGGCTGCAGGGGTGGGCAGAAGCCCTCTTAAATTGTGGTTGCCATGG
TACCGAGGGACTCATTCTGGGGCTCGCTGGGACCTCCCTAAACCCTTCTGGAAGAACTGGAACCA
ACTCTGCCCCTACCTCCCTGCACTAACCAGCTTTGAGGATGGCACTGAAGAACCCTTGGAGCAAACATAC
CTCCCTTGTAAGTCCACATCAACCATTAAGTTATTTAACAGCAGCCTTACCTGGCTCCTGAGGAAA
AAAAAAAAAAAAAAAA
ACGCGTAAGCGGCCGCGGCATCTAGATTCTGAAGAAATGACCGACCAAGCGACGCCAACCTGCCATCA
CGAGATTTGATTCCACCGCCGCTTCTATGAAAGG
```

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.



Note:	Plasmids are not sterile. For experiments where strict sterility is required, filtration with 0.22um filter is required.
RefSeq:	<u>NM_033046.2</u>
Summary:	This gene encodes a scaffold protein that interacts with GTP-bound Rho proteins. Binding of this protein inhibits the GTPase activity of Rho proteins. This protein may interfere with the conversion of active, GTP-bound Rho to the inactive GDP-bound form by RhoGAP. Rho proteins regulate many important cellular processes, including cytokinesis, transcription, smooth muscle contraction, cell growth and transformation. Dysregulation of the Rho signal transduction pathway has been implicated in many forms of cancer. Alternative splicing results in multiple transcript variants encoding different isoforms. [provided by RefSeq, Jul 2008]
Locus ID:	6242
MW:	16.6