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Product datasheet for SC205365

RTKN (NM_001015055) Human 3' UTR Clone

Product data:

Product Type:	3' UTR Clones
Symbol:	RTKN
Mammalian Cell Selection:	Neomycin
Vector:	pMirTarget (PS100062)
ACCN:	NM_001015055
Insert Size:	438 bp
Insert Sequence:	>SC205365 3'UTR clone of NM_001015055 The sequence shown below is from the reference sequence of NM_001015055. The complete sequence of this clone may contain minor differences, such as SNPs. Blue=Stop Codon Red=Cloning site GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAGGCCAAGAAGGGCGGAAAGATCGCCGTG TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC CCTCGCACTTGGCTCCAGTCACCAGTGTGAGAGAGAAAGGTGCTGGCATAGGATCTGCCCAGAAGAGAA AATGACCCATGCGCAGTTGGGCTCTGGATACGGCGCTGTCTATAGCAAGTTGGCCAGTCTGGCCTCCTG TTCCTCTGCTGGACCTGGGGTAGGCTGCAGGGGTGGGCAGAAGCCCCTCTTAAATTGTGGTTGCCATGG TACCGAGGGACTCATTCCTGGGGCTCGCTGGGACCTCCCTAAACCCTTCCTGGAAGAAAACTGGAACCA ACTCTGCCCTACCTCCCTGCACTAACCAGCTTTGAGGATGGCACTGAAGAACCCTTGGAGCAAACATAC CTCCCTTGTGACTCCCACATCAACCATTAAAGTTATTTAACAGCAGCCTTCACCTGGCTCCTGAGGACA GGGTGCCTCTCTCTGCCTGGTCTA ACGCGTAAGCGGCCGCGGCATCTAGATTCGAAGAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA CGAGATTTCGATTCCACCGCCGCCTTCTATGAAAGG
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.

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Note: Plasmids are not sterile. For experiments where strict sterility is required, filtration with 0.22um filter is required.

RefSeq: NM_001015055.2

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