

Product datasheet for **SC216871**

RFK (NM_018339) Human 3' UTR Clone

Product data:

Product Type:	3' UTR Clones
Product Name:	RFK (NM_018339) Human 3' UTR Clone
Vector:	pMirTarget (PS100062)
Symbol:	RFK
Synonyms:	RIFK
ACCN:	NM_018339
Insert Size:	1903 bp



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Insert Sequence: >SC216871 3'UTR clone of NM_018339
 The sequence shown below is from the reference sequence of NM_018339. 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
TCTAAAAGCAAAAATAATGAATGGCCACTGATGAAAAATTGTATTATTTATTCATTACTGTTTTCTAGT
GTTTCTGTGTTTATTACTGTTCAGCATCATCTTGTTATATACTGAAAATCAAACACTTTACTACAGTT
GTGAATTAGTTTAAACCGTACAATGTTGTTATCATATCATGCTTCAACTATTAATAAGCCCATCATA
TCATAGCACTAAAAGATTGAGTTAAAAATAAGATTTAAAAAATATATATTGATTAAAAATGTACCACTA
GAAAGGTATTACATGTGTATAAGTATGGGTAAAAAGGCAAGTCACTAGTTTGAGATGAAAACATAAAAT
TTCATGGTAAAAATGCCAGCATGTATGACTTGTGTAGTGTACTTCTAAACAGAGAAGGCTTATAAAA
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AAAAAAGGAAATGCATTAATAGAAGTTGATAGTTTATCATAAACCTGCGGGGAAGAAACTCAGACT
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CATTTTCTTTGCAGTCACATCATTGTACCACCTTCATTATTGTATAGAGCTGCTTCAATTCTGAGTCCT
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AAGGCCAATTAACATGAAATAGTTATAAAATTTTTTAATTTAAGGCCTTGAAATTATATTCC
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GAGGGAAAAGCATAAAGTTTTAGTTAAATAGCCTTCATACTGTGGATTTTTCTCCTACTAACTAATAT
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CAGATTTGGTGGTATGGGGGATAGAGGTAGAAGCAGATAGAAGGTAATTTTAAAGTTAATTTATTAT
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TACTCAGAAAAACATCTAAAGCTGTTGGAGAAGAGGACTCATATAAATAGTTGGATTGCGTTTTGCTT
TTTTTTCTTTATAAAAAATGTCAAAAACAGTTTTTAATTTTAGAAATCTTATACTTGAAGAAACCT
CAATTATCAGTGGCTTTATGAAGTAAAGTTAAAAACAAACATAGGAAATGTGAAAATATTTGTGTTGT
TTTGTCTGACTAACTTGCTGCTAAATGCTATCTTTAGGTGTGAAAGTCTTTGATATGTTATTGTCC
TTTTACATCTTGTTAAATAGCCATTGCTTTTGAGAATCAGATAGTGTGTTGTTTAGGGGTTAATTGTGT
CTATATCTTTCAAAAACCTTTTATATTATGTATTATAAGAAGTTACAGTAGTACCATTTTGATTAGTCTG
AATGTTTTCAGGCCTTGAATAAATTTTACTAAGTGATA
ACGCGTAAGCGGCCGCGGCATCTAGATTCGAAGAAAATGACCGACCAAGCGACGCCAACCTGCCATCA
CGAGATTCGATTCACCCGCCCTTCTATGAAAGG
  
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Restriction Sites: Sgfl-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_018339.6](#)

Summary: Riboflavin kinase (RFK; EC 2.7.1.26) is an essential enzyme that catalyzes the phosphorylation of riboflavin (vitamin B2) to form flavin mononucleotide (FMN), an obligatory step in vitamin B2 utilization and flavin cofactor synthesis (Karthikeyan et al., 2003 [PubMed 12623014]). [supplied by OMIM, Nov 2009]

Locus ID: 55312

MW: 73.9