

Product datasheet for **SC204816**

VRK3 (NM_016440) Human 3' UTR Clone

Product data:

Product Type: 3' UTR Clones
Product Name: VRK3 (NM_016440) Human 3' UTR Clone
Vector: pMirTarget (PS100062)
Symbol: VRK3
ACCN: NM_016440
Insert Size: 358 bp
Insert Sequence: >SC204816 3'UTR clone of NM_016440

The sequence shown below is from the reference sequence of NM_016440. The complete sequence of this clone may contain minor differences, such as SNPs.
Blue=Stop Codon **Red**=Cloning site

```
GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAAGCCAAGAAGGGCGGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC
GACCCCATGGCCTCCCGATGGTGCCCTAGGTGGAATCCAGAACTTCCATTTGCAGTGTGCAACAGAA
AAAAAAAAATGAAGTAATGTGACTCAAGGCCTGCTGTTTAAATCACAGATAAGCTTCTAGAACAAGCCCT
GGAATGTGCATTCTGCCACTGGTTTCAGGATACTCATCAGTCCTGATTAGCCTCCCGGAGGGCCCCAG
TTTCCCTCCCGTGAATGTGAAGTCCCCATCTTGGTGGCCTGCCCTTCAGCCAGTGTCTAGCAAAGCT
GGATGGGGTTGGGCCGGCCACAGGGGGGACCCCTCTACCCTTGACACCTCTGTGCTTTGGTAATAAAA
TTGTTTTACCAGA
ACGCGTAAGCGGCCGCGGCATCTAGATTCTGAAGAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA
CGAGATTCGATTCCACCGCCGCTTCTATGAAAGG
```

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_016440.4](#)



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Summary:

This gene encodes a member of the vaccinia-related kinase (VRK) family of serine/threonine protein kinases. In both human and mouse, this gene has substitutions at several residues within the ATP binding motifs that in other kinases have been shown to be required for catalysis. In vitro assays indicate the protein lacks phosphorylation activity. The protein, however, likely retains its substrate binding capability. This gene is widely expressed in human tissues and its protein localizes to the nucleus. Alternative splicing results in multiple transcripts encoding different isoforms. [provided by RefSeq, Jul 2008]

Locus ID:

51231

MW:

12.8