

## Product datasheet for **RG237916**

### VRK2 (NM\_001288839) Human Tagged ORF Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	VRK2 (NM_001288839) Human Tagged ORF Clone
Tag:	TurboGFP
Symbol:	VRK2
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)
ORF Nucleotide Sequence:	>RG237916 representing NM_001288839. Blue=ORF Red=Cloning site Green=Tag(s)

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GATCCGGTACCGAGGAGATCTGCCGCCGCGATCGCC
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ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAAAC
```



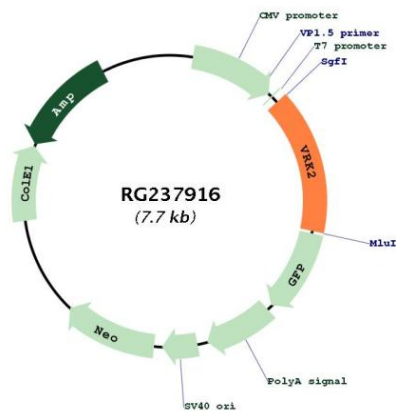
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**RefSeq ORF:** 1173 bp  
**Locus ID:** 7444  
**UniProt ID:** [Q86Y07](#)  
**Cytogenetics:** 2p16.1  
**Protein Families:** Druggable Genome, Protein Kinase, Transmembrane  
**MW:** 44.9 kDa

**Gene Summary:** This gene encodes a member of the vaccinia-related kinase (VRK) family of serine/threonine protein kinases. The encoded protein acts as an effector of signaling pathways that regulate apoptosis and tumor cell growth. Variants in this gene have been associated with schizophrenia. Alternative splicing results in multiple transcript variants that differ in their subcellular localization and biological activity. [provided by RefSeq, Jan 2014]

### Product images:



Circular map for RG237916