

Product datasheet for RN211775

Vrk1 (NM_001012194) Rat Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Vrk1 (NM_001012194) Rat Untagged Clone
Tag: Tag Free
Symbol: Vrk1
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
Fully Sequenced ORF: >RN211775 representing NM_001012194
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGCC**

ATGCCTCGTGTA
AAAAGCAGCTCAGGCTGGAAGACAGGGACCTGCAAGAGGGCGCCTCGCAGAGCAGTTTGC
 CCGCTGGAGAGATCATAACCGACATGTCTAAAAAGGAATGGAACTAGGCTTGCCTATTGGCCAAGGAGG
 CTTTGGCTGCATCTATCTGGCGGACACAAATTCTCCAAACCGGTCGGCAGTGATGCGCCCTGTGTGTG
 AAAGTGGAAACCCAGTGACAATGGACCTCTTTTCACTGAATTAAGTTCTACCAGAGGGCTGCTAAACCCAG
 AGCAAATTCAGAAATGGATTACACATAAAATTGAAATATCTTGGTGTCTTAAGTATTGGGGATCTGG
 TCTACATGATAAAAAATGGAAAAAGTTTACAGTTTATGATAATGGACCGCTTTGGGAGTGACCTTCAGAAA
 ATATATGAAGCAAATGCCAAAAGGTTTTCTCGGAAAACTGTCTTGACGCTAAGCTTAAGAATTCTGGATA
 TCCTGGAGTACATCCACGAGCAGGATGTGCATGGGGACATCAAGGCCTCCAACCTCCTTCTGAGTTA
 CAAGAACCCTGACCAGGTGATTTGGTTGACTATGGACTTGCTTATCGGTACTGCCAGATGGAGTTCAT
 AAAGAGTACAAGGAAGATCCCAAAGGTGCCACGACGGCACACTGGAGTTCACCAGCATCGATGCTCACA
 ATGGCGTGGCCCCATCTCGACGTGGTGATTTGGAATACTTGGTTACTGCATGATCCAGTGGCTCAGCGG
 CTGTCTTCTTGGGAGGATAACTTGAAAGACCCCAACTACGTGACAGTCCAAAATTAGATACAGAGAC
 AATGTCGACGCTTTGATGGAGAAATGCTTCTGAGAGGAATAAGCCAGGTGAGATCGCTAAGTACATGG
 AGACTGTGAACTACTGGACTACACTGAAAAGCCGCTTTACAAAACCTACGTGACATCCTTCTGCAAGG
 ACTAAAAGCTATAGGAAGTAAGGATGACGGCAAACCTGGATTTTAGTGCTGTGGAGAACGGAAGTGTGAAC
 ACAAACCCAGCTTCAAAGAAGCGGAAGAAAGGCGCTGTGGAAGAAGAAAGCTCAGTGTGCGCTGTGGAAG
 AAAGCCCAGTGTGCGCTGTGGAAGAAAGCCAGTGTGCGCCGTGGAAGACATGGAGTGGCAGACACACA
 GGCGCAAGAGGCCATACAGACTCGTTCACGAACCAGAAAGAAAGCCAGCA**TAA**

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI



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ACCN:	NM_001012194
Insert Size:	1245 bp
OTI Disclaimer:	Our molecular clone sequence data has been matched to the reference identifier above as a point of reference. Note that the complete sequence of our molecular clones may differ from the sequence published for this corresponding reference, e.g., by representing an alternative RNA splicing form or single nucleotide polymorphism (SNP).
Components:	The ORF clone is ion-exchange column purified and shipped in a 2D barcoded Matrix tube containing 10ug of transfection-ready, dried plasmid DNA (reconstitute with 100 ul of water).
Reconstitution Method:	<ol style="list-style-type: none">1. Centrifuge at 5,000xg for 5min.2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.3. Close the tube and incubate for 10 minutes at room temperature.4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.5. Store the suspended plasmid at -20°C. The DNA is stable for at least one year from date of shipping when stored at -20°C.
RefSeq:	<u>NM_001012194.1</u> , <u>NP_001012194.1</u>
RefSeq Size:	1908 bp
RefSeq ORF:	1245 bp
Locus ID:	362779
Cytogenetics:	6q32