

Product datasheet for **RN210908**

Vil1 (NM_001108224) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Vil1 (NM_001108224) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Vil1
Synonyms:	Vil
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >RN210908 representing NM_001108224
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGACTAAACTGACTGCCAAGTCAAAGGCTCTCTCAACACCACCCTCCAGGAATACAAATATGGAGGA
 TAGAGGCTATGCAGATGGTGCCGGTTCCTTCCAGCACCTTGGAAAGCTTCTTCGATGGTACTGCTATGT
 AGTCCTGGCTATCCACAAGACCGGCAGCACCTCTCTACGATATCCACTACTGGATTGGCCAGGACTCG
 TCCCAGGATGAGCAGGGGCGAGTCCATCTACACAACACAGATGGATGACTACCTGAAGGGCCGGGCTG
 TCCAGCACCGTGAGGTCCAAGGCCATGAGAGCGACACATTCCGGAGCTACTTCAAGCAAGGCCTTGAT
 CCGGAAAGGGGCGTGGCTTCTGGCATGAAGCACGTAGAAACAACTCCTGTGATGTCCAGCGACTGTTG
 CACGTCAAGGGCAAGAGGAATGTCTGGCTGGAGAGGTGAAATGTCCTGGAAGAGTTTCAACAGAGGGG
 ATGTTCTCTGCTGGACCTTGGGAAGCTTATCATCCAGTGAATGGCCAGAGAGTAACCGCATGGAGAG
 ACTTCCGGGCATGACCTTGGCCAAAGAGATCCGAGACCAGGAGCGGGGTGGACGCACCTACGTAGGCGTG
 GTGGATGGGGAGAATGAAGGGGACTCCCCACAGCTGATGGCAATTATGAACCACGTGCTGGGCCACGCA
 AGGAACTAAAGGCTGCAATTTCTGACTCAGTGGTGGAGCCGGCCCTAAGGCTGCACTCAAGCTGTACCA
 TGTGTCTGATTGAGAAGGAAAAATGGTGGTTAGAGAAGTTGCTACTCAGCCACTCACACAGGACTTGCTC
 AGCCATGAGGACTGTTACATCCTGGACCAGGGAGGCTGAAGATCTTTGTGTGGAAGGAAAAATGCCA
 ATGCCCAGGAGAGGAGCGGAGCCATGAACCAGGCTTTGAACTTCAAGCCAAAGCAGTACCCACCTAG
 CACGCAGGTTGAGGTGAGAATGATGGGGCTGAGTCCGCCATTTCCAGCAGCTTCCAGAAGTGGACA
 GTGCCAATCGGACCTCAGGCCTTGGCAAACCCACACAGTGGGCTCTGTGGCAAGGTGGAACAGGTGA
 AGTTTGATGCTCTGTCCATGCAGTACGGCTCAAGTGGCTGCCAGCAGAAAATGGTGGATGACCGGTGA
 TGGGGAAGTGCAGGTGTGGCGCATCGAGACTTAGAGCTGGTGCCTGTGGAGTCCAAGTGGCTGGGCCAT
 TTCTATGGCGGCGACTGCTACCTGCTGCTATACCTACCTCATAGGCGAGAAGGAGCACTACTGCTGT
 ATATCTGGCAGGGCAGCCAGGCCAGGATGAAATGCAGCCTCGGCTTACCAAGCTGTCAACCTGGA
 CCAGAAGTACAACGACGAGCCAGTGCAGATCCGGGTACGATGGGCAAGGAGCCGCCACCTCATGTCT
 ATCTTCAAGGGGCGCATGGTGGTTTATCAGGGAGGCACCTCCCGAAAGAACAACGTGGAGCCCGTGCCT
 CTACAAGGCTGTTTCAGGTCCGAGGGACCAGTGTGATAACCAAGGCTTTTGAGGTTACAGCCCGGGC
 CACCTCCCTCACTCCAATGATGTCTTCACTCAAGACTCCGTCTGCTGCTACCTGTGGTGTGGAAG
 GGCTGCAGTGGGGATGAGCGGGAGATGGCCAAGATGGTTGCTGATACCATCTCTCGACAGAGAAACAAG
 TGGTGGTGCAGGGGAGGAGCCAGCCAACCTTCTGGATGGCTCTGGGTGGGAAGGCCCATATGCCAACAC
 CAAGAGGCTGCAGGAGGAAAACCAAGTCATCACTCCTCGGCTCTTTGAGTGTCCAACCAGACTGGGCGC
 TTTCTGGCCACAGAGATCTTTGACTTCACTCAGGACGACCTGGAAGAGGATGATGTTCCTATTGGATG
 TCTGGGACCAGGTCTTCTTGGATAGGGAAACACGCCAACGAGGAAGAGAAGAAGGCTGCAGCTACAAC
 TGCACAGGAATACCTCAAGACCCACCCGAAACAGAGACCCTGAGACCCTATCATTGTGGTGAAGCAG
 GGGCAGAGCCCTCCACCTTACAGGCTGGTTCCTGGCTGGGATCCCTCAAGTGGAGTAAACCAAAAT
 CTTATGATGACCTCAAGCCGAGTTGGGAACTCTGGGACTGGAGCCAGATTGCTGATGAGGTTATGAG
 CCCAAAGTGGATGTTTTCACTGCCAATACCAGCTTCAAGTCTGGGCCCTTGCCATCTATCCCTGGAG
 CAGCTGGTAAACAAGCCTGTGGAGGAGCTCCCTGAGGGTGTGGACCCACCAGGAAGGAGGACACCTGT
 CCACTGAAGATTTCACTAAGGCTTTGGGGATGACTCCAGCTGCCTTCTCTGCGCTGCCTCGATGGAAGCA
 ACAAACCTCAAGAAGGAGAAAGGACTGTTT**TGA**

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
ACCN: NM_001108224
Insert Size: 2484 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_001108224.2</u> , <u>NP_001101694.1</u>
RefSeq Size:	3376 bp
RefSeq ORF:	2484 bp
Locus ID:	316521
Cytogenetics:	9q33