

Product datasheet for **RN217270**

Vill (NM_001191617) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Vill (NM_001191617) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Vill
Synonyms:	RGD1304843
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >RN217270 representing NM_001191617
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGCATCGC**

ATGGACAGCAACCAGGTCTCCAGCCATCAACAGCCACAGAGCCCTGCAAATATGGATTACTGAGAACC
 TAAAGATGCTGCCACTGCCTGAAAAGGCTCATGGGAATTTCTTCGAGGAATGCTGCTATGTTGTCTCCA
 TGTCCTCAGAGTCCAAAGGCTACCCAGGGAGGATCCCGTGACCTGCACTGCTGGATTGGAAGGAGGCC
 AGCACAGAGGCCAGGAGGCTGCAGTCTCCTTTATGCACCGTCTGCAGCAGGACCTAGGAGACCAGACGG
 TGCTGCACCGAGAGTACAGGGCCACGAGTCCGACTGCTTCCACAGCTATTTCCGCCGGGAGTCACTA
 CAGGAAGGGAGGCAGAGCTTCTGCTCTCAAGCTCGGGGAGAGCAACGTGTACAATGTCCAGCAGTCTG
 CACATCAGAGGAAGAACGACGTGTCCGCCACTGAGGTGGCCTTGTCTGGAACAGCTTCAACAAGGGTG
 ACATCTTCTGCTGGACCTGGCAAGGTGATGATCCAGTGAATGGACCCAAAGCCAGCATTTGTGAGAA
 AGCACGGGCGCTGAGCCTGACTTGCAGCCTCAGAGACAGAGAGCGTGGTGGCCGTGCCAGATCCGTGTG
 GTGGATGCTGAGAATAAAGCCACCGACCTCATGAGCATCATGGAGGCTGTGCTGGGCAGAAAGATCGGGCA
 GCCTGTGTGCCTCTGTGCCAGCAACAGTGTAGCCAGCTGCAAAAGGCCAACATCCGTCTCTACCATGT
 CTTGAGAAGGGAACAGACCTGGTGGTCCAGGAACTGGCGACCCGCCACTGACCCAGGACCTGTGCGAG
 GAGGATGGCTGCTATCTCCTGGACCAGGTGGCTTCAAGATCTACATGTGGCAGGGACGAAAGTCCAGCC
 CCGAGGAGAGGAAGGCTGCCTTCAGCAGGGCTGTGGGCTTCATCCAGGCCAAGGGTTACCCAACTACAC
 CAATGTGGAGGTGGTGAACGACGGCGGGAGTCCACAGCCTTCCAGCAGCTTTTCTGGACATGGTCAAG
 GAGCTAAATGGGAAAAACACCCGAGGCAGAGTAACTGATGCAGCAGGTAAACCTGGAGGTAGGCAAGC
 TTCACACACAGCCGAGCTCGCGGCCAGCTCAGAATGGTGGACGACGGCTCTGGGAAGGTGGAGGTGTG
 GTACATCCAGGGCTCACAAAGGCAGCCTGTAGATCCCAAGCACCATGGCCAGCTGTGCTCAGGAAACTGC
 TACCTTGTCTCTACAAGTACCAGAACTGGGGCGTGTCCAGTACATCCTGTACCTGTGGCAGGGCCACC
 AAAGCACTGTAGAAGACGTCAAGGCCCTGAACTGCAACGCTGAGGAGTTGGACCTTTACACCAGGGTGC
 TCTGGTGCAGGGGCATGTGACCATGGGCAGAGAGCCTCCCACTTCTTGCCATCTTCCAGGGGCAGCTG
 GTGGTCTTTCAGGGGAATGCAGGCAACAAAGGGGGAGGCTGCCAATATCCGACACCAGGCTTTTCCACG
 TGCAAGGGACCGAGAGCCACAACACCAGGACTATGGAGGTGCCAGCCGAGCCTCTCCCTCACTTCCAG
 CGACGTCTTCTTCTGATCACAAGTCACGTCTGTTACCTCTGGTTCGGGAAGGGTTGTATGGGGACCAA
 CGTGAGATGGCGCGGACAGTGGTAACTGTCTTCCAGGGAATAATAAGGAAACAGTGCTGGAGGGTCAGG
 AGCCTCTCCACTTCTGGGAAGCCCTCGGAGGCCGGGCCCTATCCAGTAACAAGAGGGTCTCTGAGGA
 GATTTCCAGCATCCAGCCCCGACTGTTTGAAGTGTCCAGCCACTCGGGCCACCTGGTCTCACGGAAGTG
 GTGTTCTTTGGCCAAGAGGACTTAGACAAGTATGACATCATGCTACTAGACACCTGTGAGGAGATCTTCC
 TGTGGCTTGGGAAGCTGCAGGTGAATGGAAGAAAGCAGCAGTAGCCTGGGGCCATGAGTACCTGAGGAC
 TCACCCAGCAGAGAGGAGCCTGGCCACACCCATCATTGTGGTCAAGCAGGGCCGTGAGCCTGCCACCTTT
 ACTGGGTGGTTTGTACCTGGGACCCCTACAAGTGGACGAGCAGCCAGTCTACGAGGAGATGGTGGAGG
 GCAGCCTGGGTCCGGGATCTGCAATCTCTGAGATAACAGCAGAAGTCCATAATTTCCAGCTAACTGCACG
 GCCGAGTGATAGCGAGGCAGGCCGCCGACACTGCTGGCCTTCAAGGGTTCCAGGATAGCCAGAGAAT
 GAGCTGGAAGTGGCCTCAGGGTGGATGGCGAGACGCCAGCATGAATCACACCAGCAGCTGCAGTAGCT
 CAATGATCAATGGGAGCCTGCCCCGGGAAAGGCTGATGCACCAGGCCCTAGAGGACCTGCCACAGGGTGT
 GGACCCAGCCGAAAGGAGTTCTATCTCTCAGACTCCGATTTCCAAGACATCTTCGGGAAATCCAAGGAG
 GAGTTCTACAGCATGGCCAAGTGAAGCAGCAGCAAGAGAAAAAGAAGCTGGGCTTCTT**TGA**

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI

ACCN: NM_001191617

Insert Size: 2583 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).
OTI Annotation:	Clone contains native stop codon, and expresses the complete ORF without any c-terminal tag.
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:	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_001191617.1, NP_001178546.1</u>
RefSeq Size:	2662 bp
RefSeq ORF:	2583 bp
Locus ID:	301057
Cytogenetics:	8q32