

## Product datasheet for **MC202965**

### Vill (NM\_011700) Mouse Untagged Clone

#### Product data:

|                           |                                       |
|---------------------------|---------------------------------------|
| Product Type:             | Expression Plasmids                   |
| Product Name:             | Vill (NM_011700) Mouse Untagged Clone |
| Tag:                      | Tag Free                              |
| Symbol:                   | Vill                                  |
| Synonyms:                 | Villp                                 |
| Mammalian Cell Selection: | Neomycin                              |
| Vector:                   | PCMV6-Kan/Neo (PCMV6KN)               |
| E. coli Selection:        | Kanamycin (25 ug/mL)                  |



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**Fully Sequenced ORF:** >BC021808 sequence for NM\_011700  
 GGAAGGTGCAGAGGCAGTTCACAGAAAGCCAGGATGGACATCAACCAGGACCTCCCAGCCATCGACAGCC  
 ACAGAGCCTTGCAAATATGGATTACTGAGAACCTAAAGATGCTGCCATTGCCTGAAAGGGCTCATGGGAA  
 TTTCTTTGAAGAAATGCTGCTATGTCGTCCTTATGTCCTCAGAGTCCAAAAGCTACCCAGGGAGGATCC  
 AGTGACCTGCACTACTGGATTGGAAGGATGCCAGCGCAGAGGCCCGGGAGGCTGCGGTCTCCTTTGTGC  
 AAAGTCTGCAGGAGGACCTAGGAGACCAGACTGTGCTGCACCGAGAGTCAAGGGCCACGAGTCCGACTG  
 CTTCCACAGCTATTTCCACCCTGGAGTCATCTACAGGAAGGGAGGCAGAGACTCTGCTCTCAAGCTTGGC  
 GAGACCAACATGTACAATGTCCAGCGACTGCTTACATCAAGGGAAGGAAGCACGTGCTGCCACTGAGG  
 TGGCCTTGTCTGGAACAGCTTTAAACAAGGGGACATCTTCTGTGGACCTGGGCAAGGTGATGATCCA  
 GTGGAATGGACCCAAAGCCAGCATTCTGAGAAAGCACGGGCTCTGACCCTGACTTGCAACCTCAGAGAC  
 AGGGAGCGAGGTGGCCGTGCCAAATTGCTGTGGTAGATGCGGAGAATGAAGCCACCAACCTTCTGCGCA  
 TCATGGAGGCTGTGCTGGGCTGCAGATCAGGCAGCCTGTGTCCTCTGTACCCAGCAACAGTGTAGCCA  
 GCTACAAAAGGCAATGTCGCCTCTACCATGTCTGTGAGAAGGGGACAGACCTGGTGGTCCAGGAACTG  
 GCGACCCGCCACTGACCAGGACCTCCTGCAAGAGGACGGTTGCTATCTCCTGGACCAGGGTGGCTTCA  
 AGATCTACATGTGGCAGGGACGAAAGTCCAGCTCCCAGGAGAAGGAGCTGCCCTCAGCAGGGCTGTGGG  
 CTTTCATCCAGGCCAAGGGTTACCCGAACACACCAATGTGGAGGTGGTGAACGACGGCGCGGAGTCCACA  
 GCTTTCCAACAGCTCTTCTGGTCTGTGGTGAAGGAGCTAGATAGGAAAAACACCCAGAGAAGAGTAAAC  
 TGGTGCAGGAAACCTGGAGGTAGGCAAGCTTACACCCAGCCTGAGCTCGCGGCCAGCTCAGAATGGT  
 GGACGATGGCTCTGGGAAGGTGGAGGTGTGGTACATCCAGGACTTACAAAGACAGCCTGTAGATCCCAAG  
 CACTATGGCCAGTTGTGCTCAGGAACTGCTACCTTGTCTCTACACATACCAGAACTGGGCTGTGTCC  
 AGTACCTCCTGTACCTATGGCAGGGCCACAAAGCACTGTAGAAGACCAAGGCCCTGAACTGCAGTGC  
 TGAAGAGTTGGACCTCATGCACCAGGGTGCCTGGCGCAGGGGCATGTGACCATGGCAGTGAGCCTCCC  
 CACTTCTAGCCATCTTCCAGGGCGGGTGGTGGTCTTCCAGGGGAATGCAGGCAACAAAGGGGAAAGAC  
 CGCCAGTATCCGACACCAGGCTTTTCCAGTGCAGGGACCGAGAGCCACAACACCAAGAACTATGGAGGT  
 GCCGGCCCGTGCCTCCTCCCTCACTTCCGGTGACGTCTTCTTTCTGATCAAAAGTATGTTTGTATCTC  
 TGGTTTGGGAAGGGCTGTGATGGGGACCAACGTGAGATGGCGCGGACGGTGGTCACTGTCTTCCCAGGGA  
 ATAACAAGGAGACAGTGTGAGGGTCCAGGAGCCTCTCTACTTCTGGGAAGCCCTCGGAGGCCGGGCCCC  
 CTATCCCAGTAACAAGAGGCTTCCCGAGGAGGTGTGGAGCATCCAGCCCCGACTGTTGAGTGTCCAGT  
 CACACAGGCTGCCTGGTCTCACGGAAGTGTGTTCTTTGGCCAAGAGGACTTGGACAAGTATGACATCA  
 TGTTACTAGACACCTGTGAGGAGAACAGCCAGTCTACGAGGAGATGGTGGGAACAGCCTGGGACCGGG  
 ATCTGCAATCTCTGAGATGACAGCAGCCTTCAAGGGTCCAGGACAGTCCAGAGATGAGCTGGGGCTG  
 GACCTCAGGGTGGATGGCGCAACCCAGCATGAACCACACCAGCAGCTGCAGTGAATGGTCAATG  
 GGAGCCTGCCCGGGAAAGGCTGATGCACCAGGCACTGGAGGACCTGCCACCGGGTGTGGACCCGGCCCCG  
 TAAGGAGTTCTATCTCTCAGACTCCGATTTCCAAGACATCTTCCGGGAAATCCAAGGAGGAGTTCTACAGC  
 ATGGCCAAGTGGAAAGCAGCAGCAAGCGAAAAAGAGCTGGGCTTCTTCTGATGTGGGGAACCCCTGCGCCA  
 CATACCTGAAATTCCTCCTGGGTAACCTCCACTTCTAATAAAAGCCAGTGGCTGGCAAAAAAAAAAAAA  
 AAAAAAAAAAAAAAAAAAAAAAAAAAAAAA

**Restriction Sites:** RsrII-NotI

**ACCN:** NM\_011700

**Insert Size:** 2328 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:**

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:** [BC021808](#), [AAH21808](#)

**RefSeq Size:** 2479 bp

**RefSeq ORF:** 2328 bp

**Locus ID:** 22351

**UniProt ID:** [Q91YD6](#)

**Cytogenetics:** 9 F3

**Gene Summary:** Possible tumor suppressor.[UniProtKB/Swiss-Prot Function]  
Transcript Variant: This variant (2) lacks an alternate exon and uses a different splice site in the 3' coding region, compared to variant 1. The resulting protein (isoform 2) has a shorter C-terminus when compared to isoform 1.