

## Product datasheet for **MC217517**

### Vangl1 (NM\_177545) Mouse Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	Vangl1 (NM_177545) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Vangl1
Synonyms:	Kitenin; Lpp2; Stb2; Stbm
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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**Fully Sequenced ORF:** >MC217517 representing NM\_177545  
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGGATCGCC**

ATGGATACCGAATCCACGTATTCTGGATATTCCTACTACTCAAGCCATTCCAAAAATCTCACAGGCAAG  
 GGGAAAGAACAAGAGAAAAGACACAAATCACAAGGAATAAAGATGGCAGAGGGTCAGAAAAGTCTGTCAC  
 CATCCAGGCTCCTGCTGGAGAGCCCTGCTGGCAAATGACTCTGCCCGCACAGGCCGAGAGGAAGTTCAG  
 GATGACAACGGGAGAGACCACCACCGCAATCACAGGCACCTCAGAGCACAGTATATCCCAAGAGGACA  
 TTGCCAGGATTAGCAAGGACATGGAGGACAGTGTGGGGCTGGATTGCAAGCGCTATCTGGGCCTCACCGT  
 TGCCTCGTTCCTGGACTACTTGTCTTCTCACCCCATTCGCTTCATCTGCTACCCCAATCTGTGG  
 AGGGAGGAGCTGAAACCCTGTGGCGCCATTTGTGAGGGACTTCTCATTCTGTATCATTCAAAGTCTTA  
 TTCTGCTCATCGAACCTGGGCACCTTTCTTCCGCAAGCAAAGAGCGGATGTGCCCGGGTGTGTTGTT  
 CCGAGCGTGTACTGGTCCTTATCTTTCTTTTGTGGTTTCTTACTGGCTTTTTATGGGGTCCGCATT  
 TTGGACTCTCGGACCAAATTACAAGGACATCGTGAATACGCAGTCTCTTGTGGACGCGCTGCTTT  
 TCATCCACTACCTTGCCATCGTCTGCTGGAGCTGAGGCAGCTGCAACCCATGTTACCCTGCAGGTGGT  
 CCGCTCCACCGACGGAGAGTCCCCTTCTACAGCTTGGGACACTTGGCATCCAGCGAGCAGCCTTGGTG  
 GTTCTGGAAAATTACTACAAGGACTTACCATCTATAACCCGAACCTCCTAACAGCATCCAAATCCGAG  
 CAGCCAAGCACATGGCTGGCCTGAAAGTCTACAATGTAGATGGGCTAGTAATAACGCCACTGGTCAGTC  
 CCGAGCCATGATTGCTGCAGCAGCTCGGCGCAGAGACTCCAGCCACAACGAGTTGATTATGAAGAGGCC  
 GAACACGAACGCAGGGTGAAGAAGCGGAGAGCAAGACTGGTAGTGGCTGTGGAGGAAGCCTTCATCCATA  
 TCCAGCGTCTCCAGGCTGAGGAGCAGCAGAAGTCTCCCGGAGAGGTGATGGACCCAGAGAGGCAGCCCA  
 GGCCATCTTCCCCTCCATGGCCAGGGCACTGCAGAAGTACCTGCGCACCCACGGCAGCAGCACTACCAC  
 AGCATGGAGAGTATCCTGCAGCACCTGGCCTTCTGCATACCAACAGCATGACCCCAAGGCTTTCCTTG  
 AACGATACCTCAGTGCGGGCCACCTTGCAGTATGACAAGGATCGATGGCTCTCGACACAGTGGAGACT  
 TATTAGTGAAGGCTGTGACAAACGGTTACGGGATGGAATGTTTTGCTCCTAAATGCTTGGACTTC  
 AGCCTCGTGGTCAATGTGAAGAAAATCCCATTCTGACTCTCAGAAGAGTTCATAGACCCATAATCTC  
 ACAAGTTGTTCTTCGCTTACAGTCTGAGACATCAGTC**TAA**

**ACGCGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

**Restriction Sites:** Sgfl-Mlul

**ACCN:** NM\_177545

**Insert Size:** 1581 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:** [NM\\_177545.5](#), [NP\\_808213.2](#)

**RefSeq Size:** 4214 bp

**RefSeq ORF:** 1581 bp

**Locus ID:** 229658

**UniProt ID:** [Q80Z96](#)

**Cytogenetics:** 3 F2.2