

Product datasheet for **RN200958**

Vangl1 (NM_001109584) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Vangl1 (NM_001109584) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Vangl1
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



[View online »](#)

Fully Sequenced ORF: >RN200958 representing NM_001109584
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGATACCGAATCCACTTATTCTGGATATTCCTACTACTCAAGCCATTCAAAAAATCTCACAGGCAAG
 GGGAAAGAACAAGAGAAAAGACACAAATCACCACGGAATAAAGATGGCAGGGGGTCAGAAAAGTCTGTCAC
 CATCCAGGCTCCCACTGGAGAGCCCTTGCTGGCGAATGACTCTGCCACACAGGCACAGAGGAAGTTCAG
 GATGACAACTGGGGAGAGACCACCACAGCCATCACAGGCACCTCAGAGCACAGTATATCCCAAGAGGACA
 TTGCCAGGATTAGCAAGGACATGGAGGACAGTGTGGGGCTGGATTGCAAGCGCTACCTGGGCCTCACCAT
 TGCCTCGTTCCTCGGACTACTCGTCTTCTCACCCCATCGCCTTCATCTGCTACCCAGATCTGTGG
 AGGGAGGAGCTGAAACCCTGTGGCGCCATTTGTGAGGGACTTCTCATATCTGTATCGTTCAAAGTCTTA
 TCCTGCTCATCGAACCTGGGCGCTTTTCTTCCGCAAGCAAAGAGCGGATGTGCCCGGGTGTGGTGT
 CCGAGCGCTGTTATTGGTCCTTATCTTTCTTTTGTGGTTTCTTATTGGCTTTTTATGGGGTCCGCATT
 CTGGACTCCCGGGACAAAATTACAAGGACATCGTGCAATATGCAGTCTCTCTCGTGGATGCGCTGCTTT
 TCATCCACTACCTTGCCATCGTCTGCTGGAAGTGAAGGAGCTGCAACCCATGTTACACTGCAGGTGGT
 CCGCTCCACCGAGGAGAGTCCCGCTTCTACAGCTTGGGACACTTGGCATCCAGCGAGCAGCCTTGGTG
 GTTCTGGAAAATTACTACAAGGACTTCACTATCTATAACCCGAACCTCCTAACAGCATCCAAATCCGAG
 CAGCCAAGCACATGGCTGGCCTGAAAGTCTACAATGTAGATGGGCCAGTAACAATGCCACTGGTCAGTC
 CCGAGCCATGATCGTGCAGCAGCTCGGCGCAGGGACTCCAGCCACAACGAGTTGATTATGAAGAGGCC
 GAACACGAGCGGGAGGTGAAGAAGCGGAGAGCGAGACTGGTGGTGGCTGTGGAAGAAGCCTTCATCCACA
 TCCAGCGCCTCCAGGCTGAGGAGCAGCAGAAGTCTCAGGGGAGGTGATGGACCCAGAGGCGGCTCA
 GGCATCTTCCCTCCATGGCCAGGGCGCTGCAGAAATACCTGCGCACCCCGGCAGCAGCACTACCAC
 AGCATGGAGAGCATCCTGCAGCACCTGGCCTTCTGCATACCAACAGCATGACCCCAAGGCTTTCCTTG
 AACGATACCTCAGTGCAGGCCACCTTGCAGTATGACAAGGATCGATGGCTCTCGACACAGTGGAGACT
 TATTAGTGACGAGGCTGTGACGAACGGTTACGGGATGGAATTGTTTTCGTCTTAAATGCTTGGACTTC
 AGCCTCGTGGTCAATGTGAAGAAAATCCATTATAGTTCTCTCAGAAGAGTTCATAGACCCATAATCTC
 ACAAGTTGTTCTTCGCTTACAGTCCGAGACATCAGT**TAA**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI

ACCN: NM_001109584

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_001109584.1](#), [NP_001103054.1](#)

RefSeq Size: 2597 bp

RefSeq ORF: 1581 bp

Locus ID: 690366

Cytogenetics: 2q34