

## Product datasheet for MC211437

### VglI3 (NM\_028572) Mouse Untagged Clone

#### Product data:

**Product Type:** Expression Plasmids  
**Product Name:** VglI3 (NM\_028572) Mouse Untagged Clone  
**Tag:** Tag Free  
**Symbol:** VglI3  
**Synonyms:** 1700110N18Rik; 4832416J22; C80713; Vgl-3; Vito-2  
**Vector:** pCMV6-Entry (PS100001)  
**E. coli Selection:** Kanamycin (25 ug/mL)  
**Cell Selection:** Neomycin  
**Fully Sequenced ORF:** >MC211437 representing NM\_028572  
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**GCGATCGCC**

ATGAGTTGTGCGGAGGTGATGTATCACCCAGCCGTATGGAGCGCCCAAGTATCTGCCAACCCCTGTGG  
 CAGCTGCAACCTGCCCTACAGCCTGCTATCATCCGGCTCCCAACCTGGCCAGCAGAAGTTAGCGGTATA  
 CAGCAAGATGCAGGACTCTCTGGAAGTCACGCTTCCCAGCAAACAAGAGGAGGAGGAGGAGGAGGAGGAG  
 GATGAGGAGGAGGAGGAGAAAGACCAGCCTGCCGAGATGGAGTACCTTAACTCTCGCTGTCTTTTCA  
 CTTATTTCCAGGGAGACATTGGGTCAAGTGGATGAACACTTCTCAAGAGCTTTGGGCCAAGCCAAAC  
 CTTGCATCCCGAATCTGCCATTTCAAAAAGCAAGATGGGGCTAACCCCTATGGCGAGACAGCTCAGCT  
 CTTTCGAGCCAGCGGAGTAATTTTCCAACCTTCTTTGGACCAGCTTTACCAACCCCAACCCGCGCCTT  
 GTTTGGGGGAGTTATCCTGACTTCCAAGTCACTGCACCCACGGCACCTTTACTACAGCAGATCCCAA  
 CTCTTGGCCAGGACATGGCCTGCATCAGACTGGCCCCGCCCAACCCCACTGCGTCTGAGTCTTGGCAC  
 TATCCTCTGGCATCTCAGGTGAGCCGCTCTACAGCCACATGCATGACATGTACCTGCGCCATCATCACC  
 CTCACGCTCAGTGCACCATCGCCACCACCACCACCACCACTGCTGGCTCTGCCTGGATCCCGC  
 CTATGGCCACCTGCTAATGCCATCAGTGGGAGCTGCCAGGATTCCTGCTCCCAAGTGCACATACCAAG  
 ACAGATCTGACTACAGTACCACGGCTACCTCAGCATGGCCGGAGCCTTTCATGGGACAGTGGACATCG  
 TGCCAAGTGTGGCTTCGATACAGGTCTTCAGCATCAGGACAAGAGCAAAGAATCAACTTGGTACTGA

**ACGCGT**ACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

**Restriction Sites:** SgfI-MluI  
**ACCN:** NM\_028572  
**Insert Size:** 978 bp



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**OTI Disclaimer:** Due to the inherent nature of this plasmid, standard methods to replicate additional amounts of DNA in E. coli are highly likely to result in mutations and/or rearrangements. Therefore, OriGene does not guarantee the capability to replicate this plasmid DNA. Additional amounts of DNA can be purchased from OriGene with batch-specific, full-sequence verification at a reduced cost. Please contact our customer care team at [custsupport@origene.com](mailto:custsupport@origene.com) or by calling 301.340.3188 option 3 for pricing and delivery.

The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. [More info](#)

**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\\_028572.1](#), [NP\\_082848.1](#)

**RefSeq Size:** 3331 bp

**RefSeq ORF:** 978 bp

**Locus ID:** 73569

**Cytogenetics:** 16 C1.3

**Gene Summary:** May act as a specific coactivator for the mammalian TEFs.[UniProtKB/Swiss-Prot Function]