

## Product datasheet for MC212343

### Vgll1 (NM\_133251) Mouse Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	Vgll1 (NM_133251) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Vgll1
Synonyms:	Tondu
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>MC212343 representing NM_133251 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGATCGC**C

ATGGAGGAAATGAAGAAGATGGTGTCTGGATACCTGAAAGCAGTCAAAAACCGGTAAAGACAGAGTGGA  
 ACGCCGGTTCTGTCAATTTTCACTACTTCGAAGGGGACATCAACAGTATGGTGGATGAACATTTCTCCAG  
 AGCTCTGCGTAACCTCAAGAGGCCCCACAAATGCAGTTCCTCAAGTCACAGTGACAATTTGACCCTCAAG  
 AACGGGGTGAATAAAACACGGACGGACACCAGCCACACGGATAGAGAGCGCAAAGTCGAATCCAGTCAAA  
 CTGAAATTCAGGAGAACTGAAAGACGTGCCTGTGGAGGAGAAGGAACCAATAAGAGCATGCCCCCGAA  
 TCAGAGGCATCTCTCTTCTGGACAATTGCACAGCCAGCAGCATCTCTGAAATGGTGCCAGAAGCAGC  
 AGCTTGGATGAATATGGTCTTAAGGCTATGGATCAGCACTCACTGTCCATGCCCAAGACCCCTCTGCAC  
 TTCCTCTGGAGCCGTGGCACTTCTCCTCCCTAGCGAGGCCAGGCTTCATAGCGCCTGCCTACTTCCCTGT  
 CTTTCCCGACAGGCATCTGACTCCAGAGGTCTACCGTGTCTTTCCCGACAGGCATCTGACTCCAGAGGTC  
 TACCATGTCTTTCTGACAGGCATCTGACTCCAGAGGTCTACCGTGTGGAGATGTGGGCCCCCTTCAAC  
 ATTTAGTCCAGCAAGATAGATACCAAAACCATCCTCTGGAACCTGCTGCCAGGGAGAAGTGCAGCCCTGC  
 CAAGATAGCTGGAAGCACAGGATCGCTCATGAACCTGCCTCCCTACCCTGTCCACTACAAGAAGAAATC  
 TGTGCTCGTGGAGCTGCCAGTGCCAGTCTTGATGATGAAAGAAGCCCATCTCAAAGCGAAGAAGAGATG  
 CCTACTATTAT**AG**

**ACGCGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites:	SgfI-MluI
ACCN:	NM_133251


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<b>Insert Size:</b>	924 bp
<b>OTI Disclaimer:</b>	<p>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 <a href="mailto:custsupport@origene.com">custsupport@origene.com</a> or by calling 301.340.3188 option 3 for pricing and delivery.</p> <p>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. <a href="#">More info</a></p>
<b>Components:</b>	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).
<b>Reconstitution Method:</b>	<ol style="list-style-type: none"> <li>1. Centrifuge at 5,000xg for 5min.</li> <li>2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.</li> <li>3. Close the tube and incubate for 10 minutes at room temperature.</li> <li>4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.</li> <li>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.</li> </ol>
<b>Note:</b>	Plasmids are not sterile. For experiments where strict sterility is required, filtration with 0.22um filter is required.
<b>RefSeq:</b>	<a href="#">NM_133251.2</a> , <a href="#">NP_573514.1</a>
<b>RefSeq Size:</b>	2281 bp
<b>RefSeq ORF:</b>	924 bp
<b>Locus ID:</b>	170828
<b>UniProt ID:</b>	<a href="#">Q99NC0</a>
<b>Cytogenetics:</b>	X A6
<b>Gene Summary:</b>	<p>May act as a specific coactivator for the mammalian TEFs.[UniProtKB/Swiss-Prot Function]</p> <p>Transcript Variant: This variant (2) differs in the 5' UTR compared to variant 1. Both variants encode the same protein. Sequence Note: The RefSeq transcript and protein were derived from genomic sequence to make the sequence consistent with the reference genome assembly. The genomic coordinates used for the transcript record were based on alignments.</p>