

## Product datasheet for **MG203913**

### Vgll4 (NM\_177683) Mouse Tagged ORF Clone

#### Product data:

**Product Type:** Expression Plasmids  
**Product Name:** Vgll4 (NM\_177683) Mouse Tagged ORF Clone  
**Tag:** TurboGFP  
**Symbol:** Vgll4  
**Synonyms:** BC048841; VGL-4  
**Mammalian Cell Selection:** Neomycin  
**Vector:** pCMV6-AC-GFP (PS100010)  
**E. coli Selection:** Ampicillin (100 ug/mL)  
**ORF Nucleotide Sequence:** >MG203913 representing NM\_177683  
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGATCGCC**

ATGCTGTTTATGAAGATGGACCTGTTGAACTACCAATACTTGGACAAGATGAACAACAATATCGGCGTTC  
 TGTGCTATGAAGGTGAAGCTTCCCTCAGGGGAGAACCCAGGATGCAGACCCTCCCGTGGCCTCTGCGCT  
 CAGCAGTCACCGCACAGGCCCGCCTCCCATCAGCCCCAGCAAGAGGAAATTCAGCATGGAGCCCGGGGAC  
 AAGGACTTGGACTGTGAAAACGACCACGTCTCCAAGATGAGCCGCATCTTCAGCCCCATTTGAATAAGA  
 CTGTCAACGGAGACTGCCGAGAGATCCCCGGGAGCGGAGCCGCAGTCCCATTGAACGGGCTGCAGCCCC  
 CGCCGTGAGCTTGATGGTGGCCACCTGTACGCATCTCTCCCAGCCTCATGGAGCAGCCTTTGCCCTG  
 ACTAAGAACAGCAGTGACACAGGCAGGTGAGTGTGGAGCGGCAGCAGAACCAGCCCTCTGTGATTACCT  
 GTGCATCCGCGGGTGCCCGCAACTGCAACCTCTCTCACTGTCCCATCGCACACAGTGGCTGTTCTGCGCC  
 TGGGTCTGCCAGCTACCGGAGACCACCCAGTGCACCTGTCACCTGTGACCCTGTGGTGGAAAGAGCACTTC  
 CGTCGGAGCCTGGGCAAGAACTACAAGGAGCCAGAGCCGGCGCCTAACTCGGTGTCCATCACTGGCTCAG  
 TGGATGACCACTTTGCCAAGCACTAGGTGACACATGGCTTCAGATCAAAGCAGCCAAGGACAGCGCATC  
 CAGCAGCCCGGAGTCAGCCTCAGCAGGGGCCAGCCAGCCAGCCCCACTGCCACATGGTCAGCCATAGT  
 CACTCCCCCTCTGTGGTCTCC

**ACGCGT**ACGCGGCCGCTCGAG - GFP Tag - GTTTAA



[View online »](#)

Protein Sequence: >MG203913 representing NM\_177683  
 Red=Cloning site Green=Tags(s)

MLFMKMDLLNYQLDKMNNNIGVLCYEGEASLRGEPRMQTLPVASALSSHRTGPPPIPSKRKFSMEPGD  
 KDLDCEHDVSKMSRIFSPHLNKTVNGDCRRDPRERSRSPIERAAAPAVSLHGGHLYASLPSLMEQPLAL  
 TKNSSDTGRSAVERQQNRPSVITCASAGARNLNLHCPAIAHSGCSAPGSASYRRPPSATATCDPVVEEHF  
 RRSLGKNYKEPEPAPNSVITGSVDDHFAKALGDTWLQIKAAKDSASSPESASRRGQPASPTAHMVSHS  
 HSPSVVS

TRTRPLE - GFP Tag - V

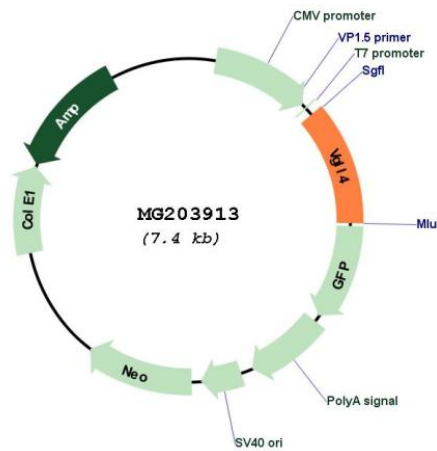
Restriction Sites: SgfI-MluI

Cloning Scheme:

Cloning sites used for ORF Shuttling:



Plasmid Map:



ACCN: NM\_177683

ORF Size: 861 bp

<b>OTI Disclaimer:</b>	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>
<b>OTI Annotation:</b>	This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.
<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>RefSeq:</b>	<a href="#">NM_177683.3</a>
<b>RefSeq Size:</b>	1327 bp
<b>RefSeq ORF:</b>	864 bp
<b>Locus ID:</b>	232334
<b>UniProt ID:</b>	<a href="#">Q80V24</a>
<b>Cytogenetics:</b>	6 E3
<b>Gene Summary:</b>	May act as a specific coactivator for the mammalian TEFs.[UniProtKB/Swiss-Prot Function]