

## Product datasheet for RN214852

### Vgll4 (NM\_001015004) Rat Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	Vgll4 (NM_001015004) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Vgll4
Synonyms:	MGC109514
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin
Fully Sequenced ORF:	>RN214852 representing NM_001015004 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**CGGATCGCC**

ATGCTGTTTATGAAGATGGACCTGTTGAACTACCACTACTGGACAAGATGAACAACAATATCGGCGTTC  
TGTGCTATGAAGGTGAAGCTTCCCTCAGGGGAGAACCAGAATGCAGACCCTCCCGGTGGCCTCAGCTCT  
TAGCAGCCACCGCACAGGTCCGCTCCCATCAGCCCCAGCAAGAGGAAATTCAGCCTGGAACACGGGGAC  
AAGGACTTGGACTGTGAAAATGACCACGCTCCAAGATGAGCCGAATCTTCAGCCCCATTTGAATAAGA  
CTGTCAACGGGAGACTGCCGAGAGATCCCCGGGAACGGAGCCGAGTCCCATCGAACGGGCTGCAGCCCC  
CGCTGTAAGCTTGCATGGTGGCCACCTGTATGCATCCCTCCCCAGCCTCATGGAGCAGCCTCTTGCCCTG  
ACTAAGAACAGCAGTGACACAGGAAGGTGAGTGTGGAGCGGCAGCAGAACCGGCCCTCCGTCATCACCT  
GTGCATCTGCCGGCGCCGCAACTGCAACCTCTCTCACTGTCCCATCGCACACAGTGGCTGTTCTGCGCC  
TGGGTCTGCCAGTACCGGAGACCACCCAGTGCAGTCCACCTGTGACCCTGTGGTGGAGAGCACTTC  
CGTCGGAGCCTGGGCAAGAACTACAAGGAACCAGAGCCAGCACCTAACTCCGTGTCCATCACTGGCTCTG  
TGGACGACCATTGGCAAAGCACTAGGTGACACATGGCTTCCAGATCAAAGCGGCCAAGGACAGCGCATC  
CAGCAGCCAGAGTCAGCCTCACGAGGGGCCAGCCAGCCAGCCCCACTGCCACATGGTCAGCCACAGT  
CACTCTCCCTCTGTGGTCTCC**TGA**

**ACGCGT**ACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites:	Sgfl-MluI
ACCN:	NM_001015004
Insert Size:	864 bp



[View online »](#)

<b>OTI Disclaimer:</b>	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).
<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>	<u>NM_001015004.1, NP_001015004.1</u>
<b>RefSeq Size:</b>	1356 bp
<b>RefSeq ORF:</b>	864 bp
<b>Locus ID:</b>	297523
<b>Cytogenetics:</b>	4q42