

## Product datasheet for **MG216994**

### Vwa7 (NM\_138582) Mouse Tagged ORF Clone

#### Product data:

<b>Product Type:</b>	Expression Plasmids
<b>Tag:</b>	TurboGFP
<b>Symbol:</b>	Vwa7
<b>Synonyms:</b>	C6orf27; D17H6S56E-3; G7c; NG37
<b>Mammalian Cell Selection:</b>	Neomycin
<b>Vector:</b>	pCMV6-AC-GFP (PS100010)
<b>E. coli Selection:</b>	Ampicillin (100 ug/mL)



ORF Nucleotide Sequence: >MG216994 representing NM\_138582  
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTGACTGGATCCGGTACCGAGGAGATCTGCC  
GCCGCGATCGCC

ATGCTCCCTGTGGAGGTACCCCTGTCCACCTGGGCCCCCAATACTGCTTCTGCTTACAGTCTGTTGC  
CCCCAACATCTGCCTTCTTCCCAACATCTGGAGCCTTCTGGCTGCCCTGGCTCTGTCACTCACCAAGA  
CCTGACTGAGGAGGCTGCACTCAATGTACCCCTTGTGCTCTTTCTGGAGCAGCCACACCCAGGCCACCA  
CGCCTCCATGTAGAGGACTACAGGGGCCGACCCTCTCGCCGATGACATCTTTGCTGCCTACTTTGGAC  
CTGGGTTTTCTCCCGCGGTTTCAGGGCAGCTTTAGGAGAGGTGTCTCGTGCCAATGCAGCCCAAGACTT  
CTGCCAGCTTTCAAGAGCAACCCCGACCTGCACTTCGATGCTGAACGGCTGGTCCAGGGGGCAGCTCGC  
CTGGTGGGGCCCTTCGGGAAACCCCTGGTGGCTGCCAGAGCCCTCGAATATACATTGGCCCGCCAGCGCC  
TAGGGGCTGCACTTCATGCCCTGCAGGATTTCTATAGCCACAGCAACTGGGTGGAGCTGGGGAGCGCA  
GCCACACCCCTCACCTCTCTGGCCAAGGCAGGAGCTCTGGAGCCTGGCACAAGTGGGCGATCTACATGC  
TCTGACTGTGAGGGGCTGAGCTGCCCTGGGAATATGCTGGACTCGACACTGCTCACCTCTGGCTACTTCG  
GAATGCATCCCCCAAACCTCCAGGAAATGTAGCCATGGGGGCCATTTTGACCAGAGCAGCTCCAGGCC  
ACCCCGGGGAGGCATCAACAAGGACAGCACATCCCCAAGTTTCTCCCCGACCAATAAGTGCACCTCCAG  
GCTGCAGAAGTGGCACTCTGGCCTCCATCGAGGCCTTCAGCCTCTGCGAAGCCGCTGGGCGACAAGG  
CTTTCTCCAGGCTGTGGACATCACCCAGCTTCCAGCCTGAGCTTTGTCTGGACACCACAGGCAGTAT  
GGGCGAGGAAATCAACGACGCAAGATCCAGGCTCGCCGATTGTGGAGCAGCGTCAAGGCAGCCCCATG  
GAGCCTGTTTTCTATCTAGTGCCTTCCACGACCCAGGGTTTGGCCCGTCTTTACAACGAGCGACC  
CGGACAGCTTTTGGCAGAACTCAACGAGATCCATGCCTGGGGGTGGAGATGAGCCAGAGATGTCCCT  
GTCTGCCCTGGAGCTAGCCCTGTGACACCCCTCCCTCTCTGACATCTTTGTCTTCACTGATGCCTCA  
CCCAAGGATGCTCTTACCAACCGGGTGAATCCCTGACTCGGGAGAGGGCGTGCAGGGTGCATTTT  
TAGTAAGTGAAGACCCATCGAGGACTGGGGTGCAGCAGCGCAGAGGCCTTGTCTCTCTGCGTTTTGA  
ACCATATGAAGCAATAGCCCGGCATCAGGGGGAGAGGTGATCTTACCAAGACCAGTACATCCAGGAT  
GTGGCTGCCATTGTTGGGAGAGCATGGCTGGTCTGGTACTTCCCTGGATCCCCCTGTCTTACCC  
CTGGGAGCGTGTGTGTTTTCTGTGGACAGTCTGCTCTGGCAGGTACAGTCCGGATGCACGGGGACAT  
CAGTAGCTTCTGGATCAAGAGCCCTGCAGGGGTGCCAGGGCCAGAGGAGGCATAGGTCTCTGGGT  
CACACTCGTCGCTTTGGCAATTCTGGACGGTACCATGACTGACCCTCTCGGACAGGGACTTGGGAGA  
TCCAGGTAGCAGCTGCGGGAACCCCGGGTGGAGTACAAGCCAGACCTCTCTGGACTTCTCTTTCA  
TTTTCGGTATCTCTGGAGGATGGACCCACCCCTGGCCTCTACCCCTGACTCAGCCAGTTGAGGTCTC  
CAGACCCAGCTGCTGGTAGAAGTGACAGGGCTCACCTTAGACAGAAGCTTGTGGGTGGCCAGCCACAGT  
TTTCCCATGTTGCTTTCGAAGGGTCCCAGAGGGCAGCTCAGCTGGCCCGGTGTCTTGGAGCCCGTGGG  
ACCCCGGTTTCGAGGCCTCCTTGTGCTCTCTACCCACCACTGCTGTCAGTCTTCTCCCTTCTCC  
CTGGAGCTGGTCCGCCAGGGTGGAGGGGAGAGCCTGCGGAGGACTGCGCCCGAGCCTTGCAGTGTGG  
CCCCGTGCTTCTGGAGCTGAGTGGCCCTCCAGATTTCTTACTCCGGGAGCAAGGCCCTCTCAGCCT  
CCACATCGTCAGCTTCTGCCCCCAGGATCTTGATCTTAGGACATCGGTGAACCCTAGCTTCTCCCTC  
ACCTCCAACCTCTCCAGGGCTCGCCTGGGACTGAATGAGTCTGCCTGGGGACGCCTGTGGCTAGAGGTCC  
CAGATTCAGCAGCCCTGACAGTGTGGTGTGTTGACTGTGACTGCAGCAGGTGAGGGAGCCAGCCAGGT  
GCCCCAACCCATGCCTTCTCCGGCTGCTGGTGTGGCCAGTCTCGAAGGACCAGCTGGACGGCCCT  
GCCACTCTGCTGCCCCGTGCTGCCCCGGTCCAGCCTGCCTTGTCTTCCACTTTGGTACTCAGG  
GCAGAGCTGGGGAGGGATGGCAGGCAAGCCCTGGTGGGAACAGTTGGAGGGTGTGTTCTGCTAGG  
CTGCACTTCTCTGG

ACCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAA

**Protein Sequence:**

&gt;MG216994 representing NM\_138582

Red=Cloning site Green=Tags(s)

MLPVEVPLSHLGPPILLLLQLLLPPTSAFFPNIWSLLAAPGSVTHQDLTEEAALNVTLVLFLEQPHGPRP  
RLHVEDYRGRITLLADDIFAAAYFGPGFSSRRFRAALGEVSRANAAQDFLPAFKSNPDLHFDAERLVQGRTR  
LVGALRETLVAARALEYTLARQLGAALHALQDFYSHSNWVELGERQPHPHLLWPRQELWSLAQVGDPTC  
SDCEGLSCPGNMLDSTLLTSGYFGMHPPKPPGKCSHGHHFDQSSSQPPRGGINKDSTSPSFSPHHKLHLQ  
AAEVALLASIEAFSLLRSRLGDKAFSRLLDITPASSLSFVLDTTGMGEEINAQKIARRIVEQRQGSMP  
EPVFIYILVPFHDPGFGPVFTTSDPDSFWQKLEIHALGGGDEPEMCLSALELALLHTPPLSDIFVFTDAS  
PKDALLTNRVESL TRERRCRVTFVLTEDPSRTGGRRRREALSPLRFEPYEAIRASGGGEVIFTKDQYIQD  
VAAIVGESMAGLVTLPLDPPVFTGPEPCVF SVDSLLWQVTVRMHGDISSFWIKSPAGVSQGP EEGIGPLG  
HTRRFQFWVTMTDPPRTGTWEIQVAAAAGTPRVVQAQTSLDFLFHFGISVEDGPHPLYPLTQPVAGL  
QTQLLVEVTGLTSRQKLVGGQPQF SHVVLRVPEGTQLGRVSLEPVGPPVRGLLAASLPPTLLSVSSPFS  
LELVGQGGGGE SLRRTAPQPCSVAPVLEL SGPPDFLTPGSKAPLSLHIVSFSGPQDLDLRTSVNPSFSL  
TSNLSRARLGLNESAWGRLWLEVPDSAAPDSVVMVTVAAGQGASQVPPTHAFLRLLVLAQSSKDQLDGP  
AHSAAVLPVPPVSPALLPSTLVTQGRAGGMAGKAWWGTVGGVLFLLGCTSW

TRTRPLE - GFP Tag - V

**Restriction Sites:**

SgfI-MluI



**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.

**Note:** Plasmids are not sterile. For experiments where strict sterility is required, filtration with 0.22um filter is required.

**RefSeq:** [NM\\_138582.1](#), [NP\\_613048.1](#)

**RefSeq Size:** 4313 bp

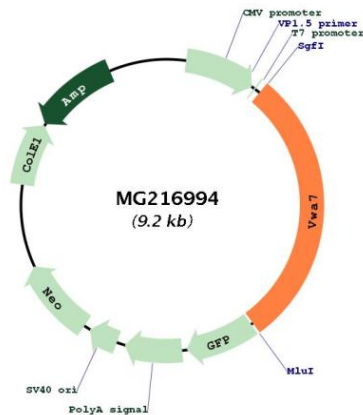
**RefSeq ORF:** 2676 bp

**Locus ID:** 27762

**UniProt ID:** [Q9JHA8](#)

**Cytogenetics:** 17 18.55 cM

**Product images:**



Circular map for MG216994