

## Product datasheet for MR227080

### Vwf (NM\_011708) Mouse Tagged ORF Clone

#### Product data:

|                           |   |
|---------------------------|---|
| Product Type:             | Expression Plasmids   |
| Product Name:             | Vwf (NM_011708) Mouse Tagged ORF Clone                                      |
| Tag:                      | Myc-DDK   |
| Symbol:                   | Vwf   |
| Synonyms:                 | 6820430P06Rik; AI551257; B130011O06Rik; C630030D09; F8VWF; VWD              |
| Mammalian Cell Selection: | Neomycin  |
| Vector:                   | pCMV6-Entry (PS100001)  |
| E. coli Selection:        | Kanamycin (25 ug/mL)  |
| ORF Nucleotide Sequence:  | >MR227080 representing NM_011708<br>Red=Cloning site Blue=ORF Green=Tags(s) |

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GCC**CGATCGCC**

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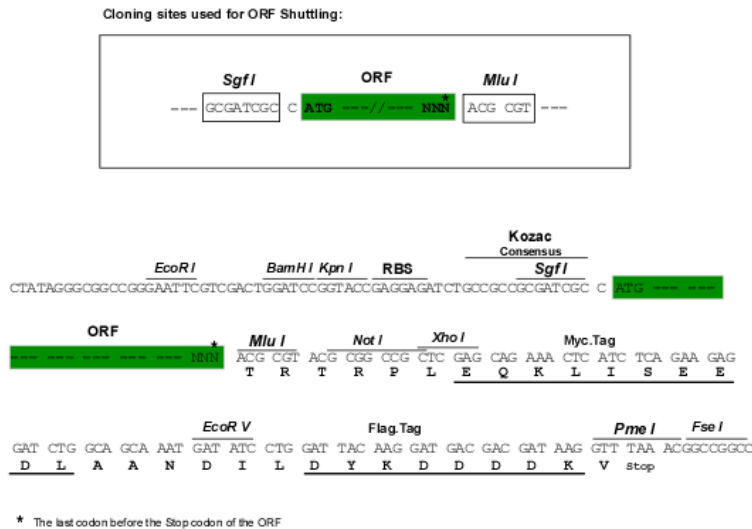
**Protein Sequence:** >MR227080 representing NM\_011708  
 Red=Cloning site Green=Tags(s)

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**Chromatograms:** [https://cdn.origene.com/chromatograms/mm9008\\_d11.zip](https://cdn.origene.com/chromatograms/mm9008_d11.zip)

**Restriction Sites:** SgfI-MluI

**Cloning Scheme:**


ACCN: NM\_011708

ORF Size: 8439 bp

OTI Disclaimer: 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](#)

OTI Annotation: This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.

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\\_011708.4](#), [NP\\_035838.3](#)

RefSeq Size: 8817 bp

RefSeq ORF: 8442 bp

Locus ID: 22371

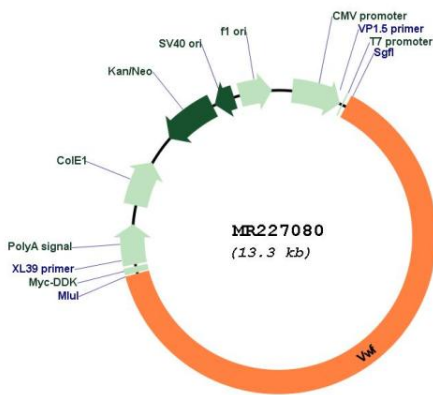
UniProt ID: [Q8CIZ8](#)

Cytogenetics: 6 59.32 cM

MW: 309.6 kDa

**Gene Summary:** Important in the maintenance of hemostasis, it promotes adhesion of platelets to the sites of vascular injury by forming a molecular bridge between sub-endothelial collagen matrix and platelet-surface receptor complex GPIb-IX-V. Also acts as a chaperone for coagulation factor VIII, delivering it to the site of injury, stabilizing its heterodimeric structure and protecting it from premature clearance from plasma.[UniProtKB/Swiss-Prot Function]

**Product images:**



Circular map for MR227080