

Product datasheet for **MC225416**

Vwf (NM_011708) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Vwf (NM_011708) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Vwf
Synonyms:	6820430P06Rik; AI551257; B130011O06Rik; C630030D09; F8VWF; VWD
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>NCBI ORF sequence for NM_011708, the custom clone sequence may differ by one or more nucleotides

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Restriction Sites: Sgfl-Mlul
 ACCN: NM_011708
 Insert Size: 8442 bp

OTI Disclaimer:	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).
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:	<ol style="list-style-type: none">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:	<u>NM_011708.3</u> , <u>NP_035838.3</u>
RefSeq Size:	8817 bp
RefSeq ORF:	8442 bp
Locus ID:	22371
UniProt ID:	<u>Q8CIZ8</u>
Cytogenetics:	6 59.32 cM
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]