OriGene Technologies, Inc.
9620 Medical Center Drive, Ste 200
Rockville, MD 20850, US
Phone: +1-888-267-4436
https://www.origene.com
techsupport@origene.com
EU: info-de@origene.com
CN: techsupport@origene.cn

Product datasheet for MC223124

Vwa8 (NM_173758) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Vwa8 (NM_173758) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Vwa8
Synonyms:	1300010F03Rik; 4932416F07Rik; AI957255; Kiaa0564; mKIAA0564
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin
Fully Sequenced ORF:	>MC223124 representing NM_173758 Red=Cloning site Blue=ORF Orange=Stop codon TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC GCCGCGATCGCC ATGCAGTCACGCCTCCTCCTCCTAGGAGCCCCGGGCGGCCTTGGGGACGTGGCCTCCCGGCGAGTGCGGC TGCTCTTGCGGCAGGTGTTGCGGGGCAGGCCGGGCGGGGACCAGCAGCGGCTGGAGGTCAGGCTGCTGCA CTCTGGGGCGACCGACTCAGGTGAAACGGTTAGTATTGGAGATGTGTCCTACAAGCTGAAAACTCCCAAG AATCCAGAACTTGTCCCACAGAACTACATTTCAGACTCTCCAGCTCAGTCCATAGTCCAGCATCTGAGAT GGCTGATGCAGAAGGATCTGCTGGGGCAGGATGTCTTTCTCATCGGACCTCCTGGGCCTCTCCGGCGCTC GGTGGCTATGCAGTACTTGGAGCTGACCAAACGAGAGGTGGAATACATCGCCCTGTCAAGGGACACCACT GAAACTGACCTCAAACAGCGCCGGGAGATCCGAGCTGGCACAGCCTTTTACATTGACCAGTGTGCGGTTC GGGCTGCCACAGAAGGCAGGACGCTGGTTTTAGAAGGCTTGGAAAAGGCGGAGAGAAACGTGCTTCCAGT ACTGAACAACTTGCTGGAGAACCGGGAGATGCAGCTTGAAGATGGGCGCTTCCTCATGTCTGCGGAGCGC TATGACAAGCTTCTCCAAGATCACACTAAAGAGGAGCTGGACGCGTGGAAGATTGTCCGAGTCAGTGAGA ATTTCCGAGTGATTGCCTTGGGCTTGCCAGTGCCCAGGTACTCTGGGAATCCATTAGACCCCCCTCTCCG GTCTCGATTTCAAGCCAGAGATATCTATTTTCTACCCTTTCAGGACCAACTAAAACTATTGTATTCAGTT GGAGCCAATGTTTCTGCTGAGAAGATTTCTCAGCTCTTGTCCTTTGCGACAACCCTCTGCTCCCAAGAAT CCTCTACGCTTGGGCTTCCAGACTTTCCCTTAGATAGTTTGCCAGAGGCAGTTCAAATCCTGGACTCCTT TCCCATGATGTCGATTGAACATGCACTCCAGTGGGTGTATCCTTACACTCTTTTACTCGGACACGAGGGG AAGATGGCCGTGGAGGGTGTTTTAAAACGCTTTGAGCTCCAAGGTTCTGGACATTCCCTGCTTCCTAAGG AGATTGTAAGAGTGGAGAGGATGACTGACAGCCACGGCTCCTATGCCCACGTGACAATCCGGGTCGCAGG AAAAGAGGTGACCATTAAGGTACCAGCGGGGACCAGAGCAGTAAACCAGCCTTGTGCTCCTGACCATTTC ATTCAGACTGTCAGTCACAAGCAATTACTGGCTGAGATGGTGCAGTCTCATATGGTGAAGGACATATGCT TAATTGGAGGGAAGGGCTGTGGGAAAACGGTCATCGCTAAGAACTTTGCTGCTCTCCTAGGATACAGCAT AGAACCCATCATGCTTTACCAGGATATGACTGCGCGGGACCTGCTACAGCAGCGGTACACGCTCCCCAAC GGCGACACCGCCTGGCGCTCCTCACCCCTTGTGAGTGCTGCCCGGGAAGGCAAACTGGTCCTGTTGGATG

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GTATCCACCGCGTCAACGCTGGCACACTGGCTGTATTGCAAAGACTGATCCATGACCGGGAGCTCAGCCT
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CAGAGCTTTCGATGCTCAAACAGTACGGCCCAGACGTGCCTGAGCCCGTCCTGCAGAAGCTCGTGGCAGC
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AGCAAAGCCTACCAACGTGCAGCTGGCAAAGGAGTAA

AGCGGACCGACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCC
TGGATTACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-RsrII

ACCN: NM_173758

Insert Size: 3117 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:
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_173758.3, NP_776119.2

RefSeq Size: 3486 bp

RefSeq ORF: 3117 bp

Locus ID:	219189
UniProt ID:	Q8CC88
Cytogenetics:	14 D3
Gene Summary:	Exhibits ATPase activity in vitro.[UniProtKB/Swiss-Prot Function] Transcript Variant: This variant (2) represents a shorter transcript with a distinct UTR and polyA signal and site, compared to variant 1. The resulting predicted protein (isoform 2) is much shorter than isoform 1. Sequence Note: The RefSeq transcript and protein were derived from genomic sequence to make the sequence consistent with the reference genome assembly. The genomic coordinates used for the transcript record were based on alignments.