

Product datasheet for **RC226871**

VWA5B2 (NM_138345) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Tag:	Myc-DDK
Symbol:	VWA5B2
Mammalian Cell	Neomycin
Selection:	
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)

ORF Nucleotide Sequence: >RC226871 representing NM_138345
Red=Cloning site Blue=ORF Green=Tags(s)

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Protein Sequence:

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>RC226871 representing NM_138345
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Red=Cloning site Green=Tags(s)

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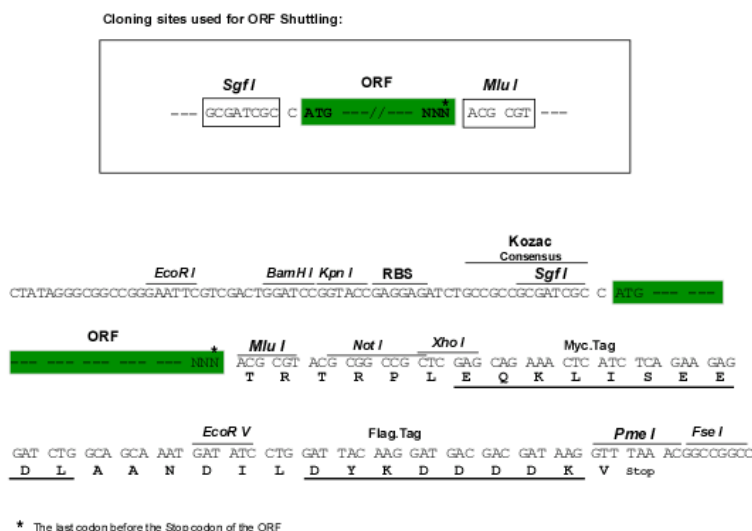
Chromatograms:

https://cdn.origene.com/chromatograms/mk8104_c12.zip

Restriction Sites:

Sgfl-MluI

Cloning Scheme:



ACCN:

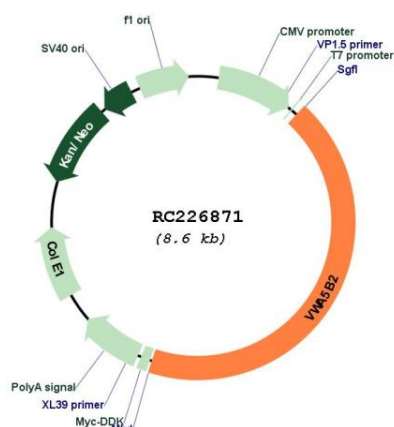
NM_138345

ORF Size:

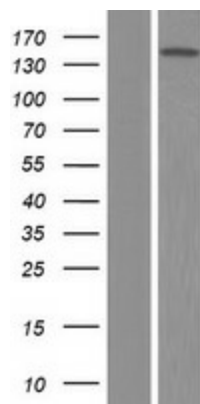
3726 bp

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.
Note:	Plasmids are not sterile. For experiments where strict sterility is required, filtration with 0.22um filter is required.
RefSeq:	NM_138345.3
RefSeq Size:	4040 bp
RefSeq ORF:	3729 bp
Locus ID:	90113
UniProt ID:	Q8N398
Cytogenetics:	3q27.1
MW:	131.7 kDa

Product images:



Circular map for RC226871



Western blot validation of overexpression lysate (Cat# [LY430046]) using anti-DDK antibody (Cat# [TA50011-100]). Left: Cell lysates from un-transfected HEK293T cells; Right: Cell lysates from HEK293T cells transfected with RC226871 using transfection reagent MegaTran 2.0 (Cat# [TT210002]).