

## Product datasheet for **RG237683**

### VASH2 (NM\_001301056) Human Tagged ORF Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	VASH2 (NM_001301056) Human Tagged ORF Clone
Tag:	TurboGFP
Symbol:	VASH2
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)
ORF Nucleotide Sequence:	>RG237683 representing NM_001301056. Blue=ORF Red=Cloning site Green=Tag(s)

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GCTCGTTTAGTGAACCGTCAGAATTTTGTAAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTG
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CCGAGGAGGCTCGGCCGCGAGAGAAGTCGCCTGCACTGCCTGAAAAGAAGGTGGCTGATCTGAGCACT
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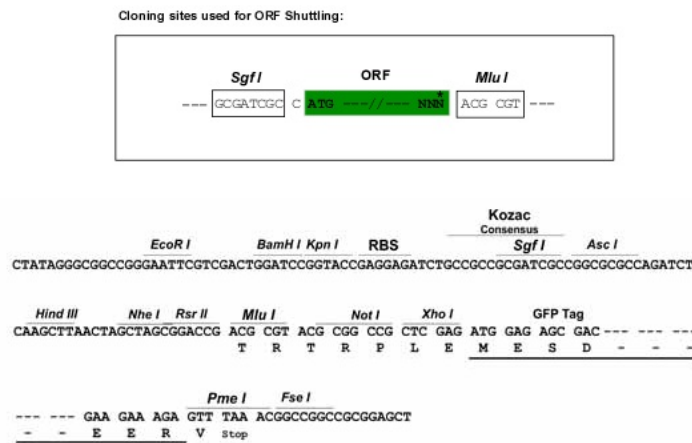
[View online »](#)

Protein Sequence: >Peptide sequence encoded by RG237683  
 Blue=ORF Red=Cloning site Green=Tag(s)

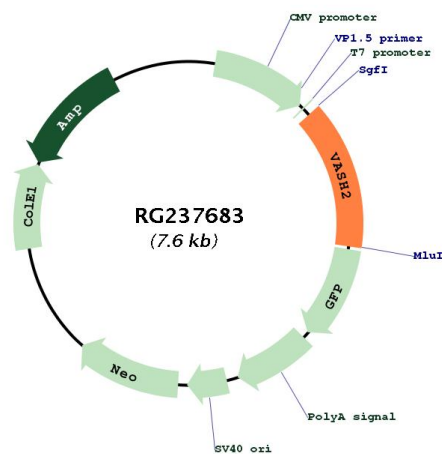
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 FRRVEEDHSNTELGIVEYQHAFKTPDADAGEERV

Restriction Sites: SgfI-MluI

Cloning Scheme:



Plasmid Map:



<b>ACCN:</b>	NM_001301056
<b>ORF Size:</b>	1065 bp
<b>OTI Disclaimer:</b>	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. <a href="#">More info</a>
<b>OTI Annotation:</b>	This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.
<b>Components:</b>	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).
<b>RefSeq:</b>	<a href="#">NM_001301056.2</a>
<b>RefSeq Size:</b>	4494 bp
<b>RefSeq ORF:</b>	1068 bp
<b>Locus ID:</b>	79805
<b>UniProt ID:</b>	<a href="#">Q86V25</a>
<b>Cytogenetics:</b>	1q32.3
<b>MW:</b>	40.9 kDa
<b>Gene Summary:</b>	Tyrosine carboxypeptidase that removes the C-terminal tyrosine residue of alpha-tubulin, thereby regulating microtubule dynamics and function (PubMed:29146869). Acts as an activator of angiogenesis: expressed in infiltrating mononuclear cells in the sprouting front to promote angiogenesis (PubMed:19204325).[UniProtKB/Swiss-Prot Function]