

## Product datasheet for **SC123526**

### **VASH2 (BC028194) Human Untagged Clone**

#### **Product data:**

Product Type:	Expression Plasmids
Product Name:	VASH2 (BC028194) Human Untagged Clone
Tag:	Tag Free
Symbol:	VASH2
Synonyms:	FLJ12505; RP11-275G3.1; vasohibin 2
Vector:	<u><a href="#">pCMV6-XL5</a></u>
E. coli Selection:	Ampicillin (100 ug/mL)
Cell Selection:	None



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**Fully Sequenced ORF:** >OriGene sequence for BC028194 edited  
 GCAGCCCCAGCCCCAGCCCCAGGCCAGCAGCAGCAGCAGCAGCCCCCTGCTCTCCCGCCG  
 CCCGGAGAGGCTCTGCAGCCATGAAGCCAACCGTCCCAGCCTTCAATACCCAGGTCCC  
 AAACACAGGCTGTGCATGACGATCCCAGACTGGCTCCAGGCGATCCAGAATTACATGAA  
 GACCCTACAGTATCCTTCCAACCAAGGTCTGAGCACACCCAGCCAGGGGACAGGCATGGT  
 GATCGCAAGCCTGGTGGCAAATCTGTCCCAGCTGGTCATCAAAGCTCTCTAAGGTTAA  
 TGGAAACAGCAAAAGAAATGACCCGAGAGTCCTTGCCATCAAATGCCTTGAAGTGTCA  
 TCCTGGGCATCTACTTAACCAATGGGCAGCCTTCCATTGAGCGGTTCCCATCAGCTTTA  
 AACCTACTTCTCAGAACTACTTTACCACGTTGTGCTGGGGATTTACTGCAATGGCC  
 GCTATGGCTCATTGGGCATGAGCCGAGGGCTGAGCTGATGGACAAGCCATTGACTTTTC  
 GGACTCTGAGTGACCTCATCTTTGACTTTGAGGACTCTTACAAGAAATACCTGCACACAG  
 TCAAGAAGGTCAAGATTGGGCTGTACGTCCCCATGAGCCTCATAGCTTCCAGCCATTG  
 AGTGGAAGCAGCTGGTCTCAACGTCTCAAAGATGCTGAGGGCTGACATAAGGAAGGAGC  
 TGGAGAAATATGCCAGGGACATGAGAATGAAGGGCTTGTGCAGTCACTAAGAGAAAAGGA  
 TTATGCTGACTTCAGGCCTGGCTATGTTTAGCACTTGTGGACTTGTCTTCACTCTGC  
 AGGACCTGGAGTGGAGATTCCCTGATCAATTAACCATTCTGTCAATATGTGTGGGATGGG  
 AGCATCAGAGGAAGAACAGGCTGGTTTCTGAGGCAATAGAGATGGGACTTTGCCTTCGTG  
 AGGAGAGGAACCTGCAAGCAAAACAAACACAGCCCCGGGAGACTGAGGCATTGGGCTGT  
 GTTCTCTCTACACGGCACAGGGAGCACAATGTGACCATCTGTATATCTGTCTTGAA  
 GTGGTGCCTTGTGCTTACAGTACAGGACGAGAGAGGAATGTGTGTCTCCAGCCTC  
 CTTTTTAGAAGTCTTCTGCTCAATGCCTTCAAACCATGGCATCATGATTGGGCTGGG  
 GGTGGAATGTGGTCTAGAAGAAGACCTGAGGGTGGAGGTCCCTTAGGAACAGGGTGA  
 TTAACCTCACATCTCCTTTCAGATCCTGAAACCTGCAAGTCCCCTCTCCGACCCAAG  
 TGAGAAGCCGGGAAATCCCTGTCCCCAGAAGGAGACAGGCAAGCCCCCGAGGAGGC  
 TCGGCCGCGAGAGAAGTCCCCTGAGGCCAGTGATCCACATCTACTTCTTAGACAAAA  
 TAACCCACTTAAGCAATGACAGATTGGAGATGCTGGGGATGCCAAATCACCAGCGATA  
 ATCCGCTGGCAAAATTTGAACTATAGCCATCCTGGGAAAAAATACTGCTTTTCTTAATA  
 ATAGCAGCATGCTGTGCACCCAGCCTTGGCATGCTGGAACCATGTGGCACAGTGCAC  
 AGGGGGCTTGGTGAATCCCACTGTGCCACGTGTAGCTGTGCAGCTGGGCACATCCTT  
 CCTCCTCGGGAGCCTTGGTTTCTCATCCATAAAAGAGTATCAAATGCTAAAAAAAAA  
 AA

**5' Read Nucleotide Sequence:** >OriGene 5' read for BC028194 unedited  
 GGGTTGGGATTTGTATACGACTTATATAGGGCGGCCGCGATTCCCGGGATAGCAGCCCCA  
 GCCCCAGCCCCAGGCCAGCAGCAGCAGCAGCAGCCCCCTGCTCTCCCGCCGCCGGAGAG  
 GCTCTGCAGCCATGAAGCCAACCGTCCCAGCCTTCAATACCCAGGTCCCAAACACAG  
 GCTGTGATGACGATCCCAGACTGGCTCCAGGCGATCCAGAATTACATGAAGACCTACA  
 GTATCCTTCCAACCAAGGTCTGAGCACACCCAGCCAGGGGACAGGCATGGTGTGCAAG  
 CCTGGTGGCAAATCTGTCCCAGCTGGTCATCAAAGCTCTCTAAGGTTAATGAAACAG  
 CAAAAGAAATGACCCGAGAGTCTTGCCATCAAATGCCTTGAAGCTGTATCCTGGGCA  
 TCTACTTAACCAATGGGCAGCCTTCCATTGAGCGGTTCCCATCAGCTTTAAACCTACT  
 TCTCAGGAACTACTTTACCACGTTGTGCTGGGGATTTACTGCAATGGCCGCTATGGCT  
 CATTGGGCATGAGCCGAGGGCTGAGCTGATGGACAAGCCATTGACTTTTCGGACTCTGA  
 GTGACCTCATCTTTGACTTTGAGGACTCTTACAAGAAATACCTGCACACAGTCAAGAAGG  
 TCAAGATTGGGCTGTACGTCCCCATGAGCCTCATAGCTTCCAGCCATTGAGTGAAGC  
 AGCTGGTCTCAACGTCTCANAGATGCTGANGGCTGACATAANGAAGGAGCTGGAGAAAT  
 ATGCCANGGACATGAGAATGAAGGGCTTGTGCAGTCACTAAGAGAAAAGGATATGCTGAC  
 TTCAGGCCTGGCTATNGTTAGCACTTGTGGACTTGTGCATCTCACTCTGCAGGACCTGGA  
 GTGGAGATTCCTGATCAATTAN

**Restriction Sites:** Please inquire  
**ACCN:** BC028194

<b>Insert Size:</b>	1790 bp
<b>OTI Disclaimer:</b>	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).
<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>Reconstitution Method:</b>	<ol style="list-style-type: none"><li>1. Centrifuge at 5,000xg for 5min.</li><li>2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.</li><li>3. Close the tube and incubate for 10 minutes at room temperature.</li><li>4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.</li><li>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.</li></ol>
<b>RefSeq:</b>	<a href="#">BC028194.1</a> , <a href="#">AAH28194.1</a>
<b>RefSeq Size:</b>	1790 bp
<b>Locus ID:</b>	79805
<b>Cytogenetics:</b>	1q32.3
<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]