

Product datasheet for **SC326266**

VAV2 (NM_001134398) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	VAV2 (NM_001134398) Human Untagged Clone
Tag:	Tag Free
Symbol:	VAV2
Synonyms:	VAV-2
Vector:	<u>pCMV6 series</u>



[View online »](#)

Fully Sequenced ORF: >NCBI ORF sequence for NM_001134398, the custom clone sequence may differ by one or more nucleotides

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ATGGAGCAGTGGCGGCAGTGGCGCCGCTGGCTCATCGATTGCAAGGTCTGCCGCCAAC
CACCGGTGGTGTGGCCCTCGGCCGTGGTCTTCGACCTGGCGCAGGCGCTGCCGACGGG
GTCCTTGTGTCCAGCTGCTGCACAACCTCTCCCCGGCTCCATCGACCTCAAGGACATC
AACTTCCGGCCGAGATGTCCAGTTTCTGTGTTTGAAGAACATACGCACCTTCTGAAA
GTCTGCCACGATAAATTTGGATTAAGGAACAGCGAGCTGTTTGACCCCTTTGACCTTTC
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GCGCAGAACAAAGGGATCAGGCCTTTTCCCTCAGAGGAGACCACAGAGAATGACGATGAC
GTCTACCGCAGCCTGGAGGAGCTGGCCGACGAGCATGACCTGGGGGAGGACATCTACGAC
TGCGTCCCCTGTGAGGATGGAGGGGACGACATCTACGAGGACATCATCAAGGTGGAGGTG
CAGCAGCCATGATTAGATACATGCAGAAAATGGGCATGACTGAAGATGACAAGAGGAAC
TGCTGCCTGCTGGAGATCCAGGAGACCGAGGCCAAGTACTACCGCACCTGGAGGACATT
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TTCATTAACCTGGAGGACCTGATCAAGGTGCATCACAGCTTCTGAGGGCCATCGACGTG
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CTGGCCAGCCGGGAGGACTTCAGGCAGAAAAGTCGAGGAGTGCACACTGAAGGTCCAGGAT
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GAGGAATTTGGAAGCAAAAGATTGACGGGGAAGTGAAGTCCGGTCCATAGTCAACCAC
ACCAAGCAGGACAGGTACTTGTCTGTTTGCAGAGGTGGTTCATCGTCTGCAAGCGGAAG
GGCTACAGCTACGAGCTCAAGGAGATCATCGAGTGTGTTCCACAAGATGACCGACGAC
CCCATGAACAACAAGGACGTCAAGAAGTCTCACGGGAAAATGTGGTCTACGGCTTCTAC
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GCCAACCAACACAGTTTCCAGATGTACACGTTTGCAGAGACCACCAACTGCAAAGCTGC
AAAATGTTCTCAGGGGACCTTCTACCAGGGATACATGTGTACCAAGTGTGGCGTGGG
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CCTGCCGAGGCTGAGCGCTTTGCAATAAGCATCAAGTTCAATGATGAGGTGAAGCACATC
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GCTGTGGCCAGGTATAACTTTGCCGCCGAGATATGAGGGAGCTTTCGCTGCGGGAGGGT
GACGTGGTGGAGTCTACAGCCGCATCGGCGGAGACCAGGGCTGGTGGAAAGGGCGAGACC
AACGGACGGATTGGCTGGTTTCTTCAACGTACGTAGAAGAGGAGGGCATCCAG

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Restriction Sites: Please inquire
ACCN: NM_001134398

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).
OTI Annotation:	This TrueClone is provided through our Custom Cloning Process that includes sub-cloning into OriGene's pCMV6 vector and full sequencing to provide a non-variant match to the expected reference without frameshifts, and is delivered as lyophilized plasmid DNA.
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_001134398.1</u> , <u>NP_001127870.1</u>
RefSeq Size:	4865 bp
RefSeq ORF:	2637 bp
Locus ID:	7410
UniProt ID:	<u>P52735</u>
Cytogenetics:	9q34.2
Protein Families:	Druggable Genome
Protein Pathways:	B cell receptor signaling pathway, Chemokine signaling pathway, Fc epsilon RI signaling pathway, Fc gamma R-mediated phagocytosis, Focal adhesion, Leukocyte transendothelial migration, Natural killer cell mediated cytotoxicity, Regulation of actin cytoskeleton, T cell receptor signaling pathway
Gene Summary:	VAV2 is the second member of the VAV guanine nucleotide exchange factor family of oncogenes. Unlike VAV1, which is expressed exclusively in hematopoietic cells, VAV2 transcripts were found in most tissues. Alternatively spliced transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Aug 2008] Transcript Variant: This variant (1) encodes the longer isoform (1).