

## Product datasheet for **RN217259**

### Vav3 (NM\_001191714) Rat Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	Vav3 (NM_001191714) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Vav3
Synonyms:	RGD1565941
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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**Fully Sequenced ORF:** >RN217259 representing NM\_001191714  
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGGATCGCC**

ATGGAGCCGTGGAAGCAGTGCCTCAGTGGCTCATCCACTGCAAAGTGCTGCCGCCAACACCACGGGTGA  
 CCTGGGACTCGGCGCAGGTGTTGACCTGGCGCAGACCCTCCCGATGGAGTCTGCTCTGCCAGCTGCT  
 CAACAACCTGCGGCCACACTCCATCAATCTGAAGGAGATCAACCTGAGACCCAGATGTCCAGTTTCTC  
 TGTCTGAAGAATATCCGGACATTTCTGGCCGCTGCTGTGACACGTTCCGAATGAAGAAAAGTGAGCTTT  
 TTGAGGCATTTGACCTATTCGATGTTCTGACTTTGAAAAGGTTATAGAAACATTATCTCGCCTATCCCG  
 AACACCAATAGCATTGGCCACAGGAATCAGGCCATTCCCACGGAAGAAAGTGTAATGATGAAGACATC  
 TACAAAGGCCCTTCTGACCTGATAGATGAAACCCGTGTGGAGGACGAAGAAGACCTCTATGACTGTGTGT  
 ACGGGGAGGATGAAGGCGGAGAAGTCTATGAAGATTTGATGAAGGCGGAGGAGGCTCACCAAGCTAAATC  
 ACAAGAAAATGATATACGGAGTTGTTGCCTAGCAGAAATTAGGCAGACAGAAGAAAATACACAGAAACT  
 TTGGAGTCAATAGAAAAATATTTTCATGGCACCATTTGAAAAGATTTCTGACAGCGCGGAATTTGATTTCAG  
 TATTTATCAACATTCCTGACCTGTAAAAGTTCATCGGAGCTTAATGCAAGAGATTCACGATTCCATTGT  
 AAATAAGATGACCATAACTTGTATCAAGTTTTTATTAACACAAGGAAAGATTGGTTATTTATGGACAG  
 TACTGCAGTGGAGTGGAGTCAAGCCTCTAGCCTAGACTACATCTCTAAGACAAAAGAAGATGTCAGAC  
 TGAACCTAGAGGAATGTTCAAAGAGAGCCAATAATGGGAAATTTACTCTGCGTGATTTGCTGGTAGTTCC  
 CATGCAGCGGGTCTGAAATATCACCTCCTCCTCAGGAGCTGGTTAAACACACCCATGATCCCATGGAG  
 AAGTCGAACCTGAAGCTGGCTCTGGATGCAATGAAGGACTTGGCACAATATGTAATGAAGTAAAAAGAG  
 ATAATGAGACCCCTCGTGAATTAAGCAGTTTCAGCTATCTATAGAAAATTTGAACCAAGCCGCTTTTGGT  
 CTTTGGGCGACCCGAGGAGACGGTGAAATCCGAATAACACACTGGACAAGCATACGAAAACAAGAAAGG  
 CATATCTTCTTATTCGATCTGGCAGTGATTGTCTGTAAGGAAAGGGGATAACTACGAGATGAAGGAAA  
 TAATAGATCTCCAGCAGTACAAGATCGCCAACAACCTACCACGGATAAAGAGAATAAAAAGTGGTCTTA  
 TGGCTTCTACCTCATCCATACCAAGGACAAAATGGGCTGGAATTTTATTGCAAAAACAAAAGATTTAAAG  
 AAAAAATGGCTGGAACAGTTTGAATGGCTTTATCCAACATAAGGCCGACTATGCAGACTCCAATTTCC  
 ATGACTTCAAGATGCACACATTCCTCGGGTGCATCCTGTAGGGTCTGCCAAATGCTCCTGAGGGGGAC  
 ATTTTATCAAGGCTACTTATGTTTTAAGTGTGGAGCAAAAGCGCATAAAGAATGTTTGGGAAGAGTAGAC  
 AATTGTGGCAGAGTTAATCCGTTGAACAAGGGCCATTCAAACCACCGGAGAAGCGGACCAATGGACTTC  
 GGAGAGCTTCCAGACAGGTGGATCCAGGCTTGCCGAAGATGCGGGTCAATTAGGAACTACACTGGCACCCC  
 GCCCCAGCTCTTACGAAGGACCACCGTTGCATATCCAGGCAGGGGACACTGTTGAACTTCTGAGAGGA  
 GAGGCACACACTGTTTTCTGGCAGGGACGAAACTTAGCTTCAAGGAGGTTGGATTTTTCCCAAGCGATG  
 CTGTCAAGCCATCTCCATGTGTACCTAAACCAGTAGATTATTCTTGCCAACCCTGGTATGCTGGCCCAAT  
 GGAAAGATTGCAGGCAGAAACTGAACTTATTAACAGGGTGAATAGCACTTACCTTGAAGGCTCAGGACC  
 AAAGAGTCTGGAGAATATGCAATTAGCATTAAAGTACAATAATGAAGCAAAACACATCAAGATTTTAAACA  
 GAGATGGCTTTTTTACATTGCAGAAAAAGAAAATTTAAAGCTTAAATGGAAGTGTGGAGTACTACAA  
 GCACCATTTCTTAAAGAAGGGTTCAAGACCTTAGATACGACGCTACAGTTTCCATAACAAGGAGCCTGAA  
 CACGCATCTGGACAGAGGGTAATAGAACAGGCAACAGCTTGCTAAGTCCCAAAGTTCTGGGCATTGCCA  
 TCGCTCGGTATGACTTCTGTGCAAGAGATGCGGGAGCTCTCCCTATTGAAAGGAGACATGGTGAAGAT  
 TTACACAAAGATGAGTGCAAATGGCTGGTGGAGAGGAGAAGTAAATGGCAGGGTGGGCTGGTTTCCATCC  
 ACGTATGTGGAAGAAGACGAGTAA

**ACGCGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

**Restriction Sites:** SgfI-MluI  
**ACCN:** NM\_001191714  
**Insert Size:** 2544 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>OTI Annotation:</b>	Clone contains native stop codon, and expresses the complete ORF without any c-terminal tag.
<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>	<u>NM_001191714.1, NP_001178643.1</u>
<b>RefSeq Size:</b>	4642 bp
<b>RefSeq ORF:</b>	2544 bp
<b>Locus ID:</b>	295378
<b>Cytogenetics:</b>	2q41