

## Product datasheet for **RN209460**

### Vezt (NM\_001006984) Rat Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	Vezt (NM_001006984) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Vezt
Synonyms:	MGC94969
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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**Fully Sequenced ORF:** >RN209460 representing NM\_001006984  
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGGATCGCC**

ATGACACCGGAGTTTGACGAAGAGGTGGTTTTTTGAGAATTCTCCACTTTACCAGTACCTACAGGATTTGG  
 GACACACAGATTTTGAATATGTTCTTCTTTGTACCAAAAACAGAAACATGCTTGACAACAGAGGAACC  
 TCAGACGCCTCCCACCAGAGTCTACAGAAACAAGGCATCCTGTTGAAACTGACGAAACCATCAAGAGT  
 TGGACTCTTCTCTCAGTACAGTAAGAAAGATGACTTACTCCACAAGCTGGACACCGGGTTTCGACTGG  
 ACGCACTGGACGCCATCCTGCAACAGGAAGTCTGCTCCAAGAGGATGTGGAGCTGATTGAGCTGCTTGA  
 TCCCAGCATCCTGTCTGCAGGGCACCCGCAACAGGAAAATGGACACCTTCCAACACTCTGCTCCCTGGCA  
 ACCCTAACATTTGGGATGTCTCCATGCTGTTTGCCTTATTAGTCTGCTCATCATGCTTCCCACGTGGT  
 GGATTGTGCTTCTCTGGCTGGTATGGGAATAATTCTATTTCTTACTTGATCATACGAGTCTTGAATTT  
 CTGGAGGACAGCCAAACTGCAAATGACTCTGAAAAAATACAGGGTCCGTTTGGAAAGCATGGCAGCCAAT  
 AGCCGAGCCTTACCAACCTTGTGAGAAAGTCCGCTCCGCTCATCAAGAAACCGAAGTCATTTCCAGGG  
 GATTTACTCTTTTGTGACAGGGTCAGTGTGCTGCTCATTAAATAAGGCTGCACAGCATCCCAGCCA  
 GCATCTCATCGGCCTTCGGAAAGCCGTCTACAGGACCGTACGAGCCAACCTTCAAGCCGCAAGGCTAGCT  
 ACCCTGTACATGCTGAAAAACTACCCCTGAACTCTGAGAGTGACAATGTCACCAACTACATCTGTGTGG  
 TACCTTTAAGGAGCTGGGGCTCGGACTCAGTGAAGACCAGATATCAGAAGAGGAAGCCCGAACCTGAC  
 GGATGGCTTACGCTGCCAGCCTTGAAGGTTTTGTTCCAACCTCTGGGTGGCACAGAGTTCAGAGTCTTC  
 AGAGCCTAGCTCTGCTACTTTCCACAGCAAATTCGCCTTCTGGGCCCTTACTGACTGTGCACTCTTGC  
 CTCATCGTATTCTCTGATGTGACTCAAGGTCTACCTCATGCTCACACTGCCTGCTTGGAGAGTAA  
 GCGCAGCTATGAGTTCCTTCGGTACTTTGAAACTCAGCACCAGTCAGTCCCTCAGCGCTTACCCAAAACC  
 CAGCCGAAGTGGAGAGAGCTGAACAACGTCACACGGCAGTGCAGCTTACAGCTCCATCTGAAAGCGC  
 TGCTGAATGAAGTAATAATTCTTGAAGATGAACTTGAAGAGCTCGTTTGTACTAAAGAAACCCAAGAGCT  
 GCTGTGAGAGGCTTATCCAGTCTAGAGCAGAGATTAAGCTAATCGAGCCACATGTTTCCAGCCAGCAAC  
 AGCTGCTGGGAAGAAGCCATCTCCAAGTGGACAGACTGCTCCGGAGGAATACAGATCAAAAAGGCAAGC  
 CTGGAGTAGCGTGTGAGAACCACACTGCACCCGCGGCCCTTGTGCGGCCGACGCTACACATTGAGGA  
 CAGAGACCCCATCCCTGAGGAGCAGGAATTAGAAGCTTATGTGGATGGCATAGACATAGAAAGTGAGTTC  
 CGAAAGGACAGTTTGTATCACGTGTCGAGGAAGACAGAGAGAGACAGAAGCGTGAGCAGGAGGAGTCCA  
 AGAGGGTCTGACAGGAGCTAAAGTCTGTGCTGGGATTTAAAGCTTCAAGGAGCCGAAAGGCAGAAATGGAA  
 GCAACTTCTGTTCAAGTACCACGCTGTGTTGAAATCCTTGTCTCCTGTAGAGCCAGTGGAATCTGTAAGT  
 AACTCAGAGACACCCATGAATTCAGATACAGAACAGGCCCATAGCGAGGCTACAGAAGAGGAGACTAGTA  
 AGCCCTGTGCGAGCGACAAGGAAGACACTAGGACTGAGTATATGTGTGATGGCCCTCAAAGGGGACAG  
 CAAAGACACCTCTGGAGACCAAGGCCACCTCCTCAAGGAGCCACCAGTGTGAGAGCGAGGCCAAGCCT  
 CCTCAGGCTGTGCTGCAGGGGCCACCGCCCTCCAACCTCCAGGACTCACCCCGGCTCTCCATTAAGC  
 AGAGGCTGGCTCGACTCCAGTTGTACCAGAATACACCTTCACTGCTGGCTGGCTGCGGAAGTGGCCGC  
 CAGGTCTCTGTCTTTACCACCATGCAGGAACAGACTTTTGGCGACGAGGAGGACGAGGACAAAGAACAG  
 CTAGTTGAAGGAGGTGAAAGGGAGCTGGAGGAAAA**TAA**

**ACGCGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

**Restriction Sites:** Sgfl-Mlul  
**ACCN:** NM\_001006984  
**Insert Size:** 2349 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="#">NM_001006984.1</a> , <a href="#">NP_001006985.1</a>
<b>RefSeq Size:</b>	2906 bp
<b>RefSeq ORF:</b>	2349 bp
<b>Locus ID:</b>	299738
<b>UniProt ID:</b>	<a href="#">Q5XI52</a>
<b>Cytogenetics:</b>	7q13
<b>Gene Summary:</b>	Plays a pivotal role in the establishment of adherens junctions and their maintenance in adult life. Required for morphogenesis of the preimplantation embryo, and for the implantation process.[UniProtKB/Swiss-Prot Function]