

Product datasheet for **RN206035**

Vtn (NM_019156) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Vtn (NM_019156) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Vtn
Synonyms:	Aa1018; Vn
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >RN206035 representing NM_019156
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGCATCGCC**

ATGGCATCTCTGAGGCCCTTTTTCATACTAGCCCTGCTGGCATTGTTTCTCTGGCTGACCAAGAGTCAT
 GCAAGGGCCGCTGCACTCAGGGTTTCATGGCCAGCAAGAAGTGCAATGTGATGAGCTTTGCACCTACTA
 TCAGAGCTGCTGTGTTGACTACATGGAGCAGTGAAGCCCAAGTGACCCGGGGGATGTGTTTACCATG
 CCAGAAGATGAGTATTGGAGCTATGACTACCCGGAGGAAACCAAGAACAGTACCAGCACTGGCGTCAAT
 CCGAGAACACCTCTTACACTTCAACCTAAAGCCTCGAGCCGAAGAGACTATAAAGCCAACAACCTCTGA
 TCCTCAGGAACAGTCAACACCCAAGAACCTGAAGTGGGGCAACAGGGAGTGGCCCAAGGCCTGACACC
 ACTGATGAAGAACCTCTGAGTTTCCAGAAGAAGAGCTGTGTAGTGAAAGCCCTTTGATGCCTTCACAG
 ACCTCAAGAATGGTTCCTTTTTGCCTCCGAGGTGAGTATTGCTATGAGCTAGATGAAACAGCAGTGAG
 GCCTGGGTACCCAAACTCATCAAGATGTCTGGGGCATCGAGGGCCCCATCGACGCTGCCTTCACTCGC
 ATCAACTGTCAGGGGAAGACCTACTTGTCAAGGGTAGTCAGTACTGGCGCTTTGAGGATGGTGTCTCTGG
 ACCCTGATTATCCCCGAAACATCTCTGAAGGCTTCAGTGGCATACCAGACAACGTTGACGCAGCCTTAGC
 CCTTCTGCCACAGTTACAGTGGCCGGGAAAGGGTCTACTTCTCAAGGGAAAACAGTACTGGGAGTAT
 GAATTTACAGCAGCAGCCAGCCAGGAGGAATGTGAAGGAAGTTCTCTGTGACCCGTGTTTGAGCACTTTG
 CCTTGCTTCAGCGGGACAGCTGGGAGAACATTTTTGAACCTCTTCTGGGGCAGATCCTCTGATGGCGC
 CAAAGGACCCCAATTCATCAGCAGGGATTGGCATGGTGTACCAGGGAAAGTGACGCTGCTATGGCCGGC
 CGCATCTACATCACTGGCTCCACATCCGCTCTGTCCAGGCCAAAAACAGAAGTCTGGCGTCGAAGTC
 GAAAACGCTACCGTTACGCGGAGGACGTGGCCATAGCCGAGCCGAGTCGCAGCATGAGCTCTCGTCCG
 CCCATCGCGTTTCAGTCTGGTCTCTTTGCTCTCCAGCGAAGAGAGTGGGCTAGGAACCTACAATTACGAT
 TATGATATGAACTGGCGCATACCTGCCACCTGCGAGCCATTAGAGCGTCTATTTCTTCTGGAGACA
 AGTACTACCGAGTTAACCTTAGAACACGGCGAGTGGACTCTGTGAATCCTCCCTACCCACGCTCCATTGC
 TCAGTATTGGCTGGGCTGCCAACCTCTGAGAAGTAG

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI

ACCN: NM_019156

Insert Size: 1437 bp

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).

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:

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: [NM_019156.2](#), [NP_062029.2](#)
RefSeq Size: 1628 bp
RefSeq ORF: 1437 bp
Locus ID: 29169
Cytogenetics: 10q25
Gene Summary: may act as a cofactor for plasminogen activator inhibitor 1 (PAI-1) inhibition of thrombin [RGD, Feb 2006]