

## Product datasheet for **RR206035**

### Vtn (NM\_019156) Rat Tagged ORF Clone

#### Product data:

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



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**ORF Nucleotide Sequence:**

>RR206035 representing NM\_019156  
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCCGCGATCGCC

ATGGCATCTCTGAGGCCCTTTTTCATACTAGCCCTGCTGGCATTGTTTCTCTGGCTGACCAAGAGTCAT  
 GCAAGGGCGCTGCACTCAGGGTTTCATGGCCAGCAAGAAGTGCAATGTGATGAGCTTTGCACCTACTA  
 TCAGAGCTGCTGTGTTGACTACATGGAGCAGTGAAGCCCAAGTGACCCGGGGGATGTGTTTACCATG  
 CCAGAAGATGAGTATTGGAGCTATGACTACCCGGAGGAAACCAAGAACAGTACCAGCACTGGCGTCAAT  
 CCGAGAACACCTCTTACACTTCAACCTAAAGCCTCGAGCCGAAGAGACTATAAAGCCAACAACCTCTGA  
 TCCTCAGGAACAGTCAACACCCAAGAACCTGAAGTGGGGCAACAGGGAGTGGCCCAAGGCCTGACACC  
 ACTGATGAAGAACCTCTGAGTTCCAGAAGAAGAGCTGTGTAGTGGAAAGCCCTTTGATGCCTTCACAG  
 ACCTCAAGAATGGTTCCTTTTTGCCTCCGAGGTGAGTATTGCTATGAGCTAGTAAACAGCAGTGAG  
 GCCTGGTACCCAACTCATCAAGATGTCTGGGCATCGAGGGCCCCATCGACGCTGCCTTCACTCGC  
 ATCAACTGTCAGGGGAAGACCTACTTGTCAAGGGTAGTCAGTACTGGCGCTTTGAGGATGGTGTCTGG  
 ACCCTGATTATCCCCGAAACATCTCTGAAGGCTTCAGTGGCATACCAGACAACGTTGACGCAGCCTTAGC  
 CCTTCTGCCACAGTTACAGTGGCCGGGAAAGGGTCTACTTCTTCAAGGGAAAACAGTACTGGGAGTAT  
 GAATTTACAGCAGCAGCCAGCCAGGAGGAATGTGAAGGAAGTTCTCTGTGACCCGTGTTTGAGCACTTTG  
 CCTTGCTTACGCGGGACAGCTGGGAGAACATTTTTGAACCTCTTCTGGGGCAGATCCTCTGATGGCGC  
 CAAAGGACCCCAATTCATCAGCAGGATTGGCATGGTGTACCAGGAAAGTGGACGCTGCTATGGCCGGC  
 CGCATCTACATCACTGGCTCCACATCCGCTCTGTCCAGGCCAAAAACAGAAGTCTGGCGTCGAAGTC  
 GAAAACGCTACCGTTACGCGGAGGAGTGGCCATAGCCGAGCCGAGTGCAGCATGAGCTCTCGCTCG  
 CCCATCGGTTTCACTGTGTTCTTTTGTCTCCAGCGAAGAGAGTGGGCTAGGAACCTACAATTACGAT  
 TATGATATGAACTGGCGCATACCTGCCACCTGCGAGCCATTAGAGCGTCTATTTCTTCTGGAGACA  
 AGTACTACCGAGTTAACCTAGAACACGGCGAGTGGACTCTGTGAATCCTCCCTACCCACGCTCCATTGC  
 TCAGTATTGGCTGGGCTGCCAACCTCTGAGAAG

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

**Protein Sequence:**

>RR206035 representing NM\_019156  
 Red=Cloning site Green=Tags(s)

MASLRPFFILALLALVSLADQESCKGRCTQGFMASKKQCDELCTYYQSCCVDYMEQCKPQVTRGDVFTM  
 PEDEYWSYDYPEETKNSTSTGVQSENTSLHFNLPRAEETIKPTTPDPQEQSNTQEPEVGGQGVAPRPDT  
 TDEGTSEFPHEELCSGKPFDAFTDLKNGSLFAFRGEYCYELDEAVRPGYPKLIQDVWVIEGPIIDAAFTR  
 INCQKTYLFGKSQYWRFDGVLDPDYPRNISEGFSGIPDNVDAALALPAHSYSGRERVYFFKQKQYWEY  
 EFQQQPSQEECEGSSL SAVFEHFALLQRDSWENIFELLFWGRSSDGAKGPQFISRWDHGVPGKVDAAAMAG  
 RIYITGSTFRSVQAKKQKSGRRSRKRYRSRRGRGHSRSRSMSRRRPSRSVWF SLLSSEESGLGTYNVD  
 YDMNWRIPATCEPIQSVYFFSGDKYYRVNLRTRRVDSVNPPYPRISIAQYWLGCPTSEK

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

**Restriction Sites:**

Sgfl-MluI



**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

**MW:** 54.7 kDa

**Gene Summary:** may act as a cofactor for plasminogen activator inhibitor 1 (PAI-1) inhibition of thrombin [RGD, Feb 2006]