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# Product datasheet for RC202929A1V

## Human Vitronectin (VTN) (NM_000638) AAV Particle

### Product data:

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|---|---|
| **Product Type:** | AAV Particles |
| **Product Name:** | Human Vitronectin (VTN) (NM_000638) AAV Particle |
| **Tag:** | Myc-DDK |
| **Symbol:** | Vitronectin |
| **Synonyms:** | V75; VN; VNT |
| **Mammalian Cell Selection:** | None |
| **Vector:** | pAAV-AC-Myc-DDK (PS100089) |



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**ORF Nucleotide Sequence:**

>RC202929 ORF sequence
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCCGCGATCGCC

ATGGCACCCCTGAGACCCCTTCTCATACTGGCCCTGCTGGCATGGGTTGCTCTGGCTGACCAAGAGTCAT
GCAAGGGCCGCTGCACTGAGGGCTTCAACGTGGACAAGAAGTGCCAGTGTGACGAGCTCTGCTCTTACTA
CCAGAGCTGCTGCACAGACTATACGGCTGAGTGCAAGCCCCAAGTGACTCGCGGGGATGTGTTCACTATG
CCGGAGGATGAGTACACGGTCTATGACGATGGCGAGGAGAAAAACAATGCCACTGTCCATGAACAGGTGG
GGGGCCCCTCCCTGACCTCTGACCTCCAGGCCCAGTCCAAAGGGAATCCTGAGCAGACACCTGTTCTGAA
ACCTGAGGAAGAGGCCCCTGCGCCTGAGGTGGGCGCCTCTAAGCCTGAGGGGATAGACTCAAGGCCTGAG
ACCCTTCATCCAGGGAGACCTCAGCCCCCAGCAGAGGAGGAGCTGTGCAGTGGGAAGCCCTTCGACGCCT
TCACCGACCTCAAGAACGGTTCCCTCTTTGCCTTCCGAGGGCAGTACTGCTATGAACTGGACGAAAAGGC
AGTGAGGCCTGGGTACCCCAAGCTCATCCGAGATGTCTGGGGCATCGAGGGCCCCATCGATGCCGCCTTC
ACCCGCATCAACTGTCAGGGGAAGACCTACCTCTTCAAGGGTAGTCAGTACTGGCGCTTTGAGGATGGTG
TCCTGGACCCTGATTACCCCCGAAATATCTCTGACGGCTTCGATGGCATCCCGGACAACGTGGATGCAGC
CTTGGCCCTCCCTGCCCATAGCTACAGTGGCCGGGAGCGGGTCTACTTCTTCAAGGGGAAACAGTACTGG
GAGTACCAGTTCCAGCACCAGCCCAGTCAGGAGGAGTGTGAAGGCAGCTCCCTGTCGGCTGTGTTTGAAC
ACTTTGCCATGATGCAGCGGGACAGCTGGGAGGACATCTTCGAGCTTCTCTTCTGGGGCAGAACCTCTGC
TGGTACCAGACAGCCCCAGTTCATTAGCCGGGACTGGCACGGTGTGCCAGGGCAAGTGGACGCAGCCATG
GCTGGCCGCATCTACATCTCAGGCATGGCACCCCGCCCCTCCTTGGCCAAGAAACAAAGGTTTAGGCATC
GCAACCGCAAAGGCTACCGTTCACAACGAGGCCACAGCCGTGGCCGCAACCAGAACTCCCGCCGGCCATC
CCGCGCCATGTGGCTGTCCTTGTTCTCCAGTGAGGAGAGCAACTTGGGAGCCAACAACTATGATGACTAC
AGGATGGACTGGCTTGTGCCTGCCACCTGTGAACCCATCCAGAGTGTCTTCTTCTTCTCTGGAGACAAGT
ACTACCGAGTCAATCTTCGCACACGGCGAGTGGACACTGTGGACCCTCCCTACCCACGCTCCATCGCTCA
GTACTGGCTGGGCTGCCCAGCTCCTGGCCATCTG

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

**Protein Sequence:**

>RC202929 protein sequence
Red=Cloning site Green=Tags(s)

MAPLRPLLILALLAWVALADQESCKGRCTEGFNVDKKCQCDELCSYYQSCCTDYTAECKPQVTRGDVFTM
PEDEYTVYDDGEEKNNATVHEQVGGPSLTSDLQAQSKGNPEQTPVLKPEEEAPAPEVGASKPEGIDSRPE
TLHPGRPQPPAEEELCSGKPFDAFTDLKNGSLFAFRGQYCYELDEKAVRPGYPKLIRDVWGIEGPIDAAF
TRINCQGKTYLFKGSQYWRFEDGVLDPDYPRNISDGFDGIPDNVDAALALPAHSYSGRERVYFFKGKQYW
EYQFQHQPSQEECEGSSLSAVFEHFAMMQRDSWEDIFELLFWGRTSAGTRQPQFISRDWHGVPGQVDAAM
AGRIYISGMAPRPSLAKKQRFRHRNRKGYRSQRGHSRGRNQNSRRPSRAMWLSLFSSEESNLGANNYDDY
RMDWLVPATCEPIQSVFFFSGDKYYRVNLRTRRVDTVDPPYPRSIAQYWLGCPAPGHL

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

**Species:** Human

**Serotype:** AAV-2

**ACCN:** NM_000638

**ORF Size:** 1434 bp

**Buffer:** PBS with 0.001% Pluronic F68

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|---|---|
| **Stability:** | AAV is stable for 1 year when stored at -80°C (long-term storage) or 2-3 weeks when stored at -20°C (short-term storage). Thaw the vial of AAV on ice prior to use and keep it on ice during the experiment. Thawed AAV can be stored at 4°C for 1-2 weeks. Whenever possible, particles should be aliquoted into single use portions to avoid repeated freeze/thaw cycles. Please aliquot at least 10ul per tube and use low protein binding tubes to avoid loss of virus. |
| **RefSeq:** | NM_000638.3, NP_000629.2 |
| **RefSeq Size:** | 1678 bp |
| **RefSeq ORF:** | 1437 bp |
| **Locus ID:** | 7448 |
| **UniProt ID:** | P04004 |
| **Cytogenetics:** | 17q11.2 |
| **MW:** | 54.3 kDa |