

Product datasheet for **RN202827**

Vasn (NM_001109382) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Vasn (NM_001109382) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Vasn
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >RN202827 representing NM_001109382
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGCACTCCAGGAGCTGCCTGCCACCTTCTCTGTTGTTGCTCCTGGTGTCTCTGGGTCTGGAGTACAGA
 GCTGCCCATCAGGCTGCCAGTGCAACCAACCACAGACAGTCTTCTGCACTGCCCGTCAGGAACCCAGGT
 GCCCCGAGACGTGCCGCCTGACACAGTGGGCTGTACATCTTTGAGAACGGCATCACTACACTTGATGTA
 GGCTGTTTTGCTGGCTTCCAGGCTGCAGCTTCTGGACTTGTACAGAACAGATCACTAGCCTGCCCG
 GTGGCATCTTTCAGCCACTTGTGAACCTCAGTAACCTGGACTGACTGCTAACAACTGCACGAGATCTC
 CAACGAGACCTTCCGTGGCTGCGGCGCTCGAACGCCTCTACCTGGGCAAGAACCAGCATTGCCACATC
 CAGCCTGGTGCCTTCGATGCACTTGACCACCTCCTGGAGCTCAAGCTGCCAGACAATGAGCTTGGGTGC
 TGCCCCACTGCACTTGCCTCGCTGCTGCTTACCTCAGCCACAACAGTATCCAGCCTGGAAGC
 TGAATACTGGATACTGCCAATGTGGAGGCACTGCGGCTGGCTGGCTCGGGCTGCGGCAGCTGGATGAG
 GGGCTTTTTGGCCGCTTCGCAACCTCCATGACCTGGATGTTTCTGACAACAGTTGGGGACATGCCCT
 CCGTGATTCAAGGCTGCGTGGCTGACACGCCTGCGGCTGGCTGGCAACACCCGGATTGCCAGATCCG
 GCCCGAGGACCTCGTGGCTGACTGCCCTACAGGAACCTGGATGTGAGCAACCTGAGCCTGCAGGCCCTG
 CCCAGTGACCTCTCCAGTCTCTTCCCCGCTGCGCTCCTAGCAGCTGCCCGAAACCCCTTTAACTGCT
 TATGCCCTTGAGCTGGTTTGGTCTTGGGTTTCGTGAGAGCCATGTTGTGCTGGCCAGCCCTGAGGAGAC
 ACGTTGCACTTCCCACCAAGAACGCCGCGGACTGCTCCTGGAGCTGGATTATGCAGATTTTGGCTGC
 CCAGTCACTACCACAGCCACAGTTCCTACTATAAGGCCTACTGTGAGGAGCCACACCTTCAACTT
 CCAGCCAAGCTCCACCTGGCCAGCCACAGGCAACTACCCAGGCCCCATCGTACTGTCCACTGC
 CCACCAACCATGAGCCGGCTCCTCAGCCCCAGGACTGTCCAGCATCCATCTGCCTGAATGGTGGTAGC
 TGCCGTGTAGGGCAAAACACCCTGGAGTGCCTGTGCCCGAGGGCTTCATTGGCCTGTACTGTGAGA
 GTCCCGTGAACAAAGGACAAAGCCAGCTCCATACCGGACACCCACGGCCCCCGGGCTGCTGCCTCT
 GCGCATTGAGCCGGTGGCCCCACTCCCTGCGTGTGGAGCTGCAGCGCTACCTGCAGGGCAACACCGTG
 CAGCTGCGGAGCCTCCGGCTCACCTACCGCAACCTGTCTGGCCCTGACAAGCGGCTGGTACGCTGCGGC
 TGCTGCTTCACTGCAGAGTACACAGTACCCAGCTGCGGCCAATGCCACCTATTCTATCTGTGTAC
 AGCCCTGGGAGCTGGCGGACACCTGAAGGTGAGGAGGCTGTGGGGAGGCCAACACTCCCAGGCCGTC
 CGCTCCAACCATGCCAGTCAACAGGCCGGGAGGCAACCTGCCACTCCTATTGCACCCGCCCTGG
 CTGCTGTGCTTCTGGCTGTGTTGGCTGCCTCGGGGCACTACTGTGTGCGACGGGCGCGGCAAGTTC
 CACAGCTCAGGACAAAGGGCAGGTGGGACCAGGGACCGGGCCCTGGAAGTAGAGGGGTGAAAGTCCCC
 TTGGAGCCAGGCTCCAAGGCATCAGAGGGAGGCGGGGAGGCCCTATCAGGTGGTCTGAATGTGAGGTGC
 CCCTCATGGGCTACCCAGGGCCAGTCTTCAGGGGTCTCCCTGCTCAGCCCTACATT**TAA**

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: Sgfl-Mlul

ACCN: NM_001109382

Insert Size: 2022 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_001109382.1](#), [NP_001102852.1](#)

RefSeq Size: 2739 bp

RefSeq ORF: 2022 bp

Locus ID: 679921

Cytogenetics: 10q12