

Product datasheet for **MC202320**

Vasn (NM_139307) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Vasn (NM_139307) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Vasn
Synonyms:	2610528G05Rik; Atia; Slitl2
Mammalian Cell Selection:	Neomycin
Vector:	PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >BC050274 sequence for NM_139307
 GACCGGGGCTGGGAAACCCAGCCCGGGACGGGACGCAGCAGCCTCTGGATCCCGGGACCCCGGACCTCT
 CAGGACCGGCCAGAGGTGAAGGACTGAGGCCCACTGAGGCCTTGGACCGCACCGCTGGCTCCTCAGC
 CGCAGTCGTCTCCTGGGACAGAAGATGCACTCCAGGAGCTGCCTGCCACCTCTCCTGTTGTTGCTTCTGG
 TGCTCCTGGGGTCTGGAGTACAGGGTTGCCATCAGGCTGCCAGTGCAACCAGCCACAGACGTCTTCTG
 CACTGCCCGTCAGGGAACCACAGTGCCCGAGACGTGCCACCTGACACAGTGGCCCTGTACACTTTTGAG
 AACGGCATCACGACACTTGATGTGGGCTGTTTTGCTGGCCTTCCGGCCCTGCAGTTCTGGACTTGTAC
 AGAACAGATCACTAGCCTGCCCGGGGATCTTTCAGCCACTTGTTAACCTCAGTAACCTGGACCTGAC
 TGCCAACAAACTGCACGAGATCTCCAACGAGACCTTCCGTGGCCTGCGGGCCTGGAGCGCCTCTACCTG
 GGCAAGAACC GAATTGCGCACATCCAACCGGGTGCCTTCGACGCGCTTGATCGCCTCCTGGAGCTCAAGC
 TGCCAGACAATGAGCTTCGGGTGTTGCCCCATTGCACTTGCCTCCGCTGCTGCTTACCTCAGCCA
 CAACAGCATCCCAGCCCTGGAAGCCGAATACTGGATACCGCAATGTAGAGGCATTGAGTTGGCTGGC
 CTAGGGCTGCGGCAGCTGGATGAGGGGCTTTTTGGCCGCTTCTCAACCTCCATGACTTGGATGTTCTG
 ACAACCAGTTGGAGCATATGCCATCTGTGATTCAAGGCCTGCGTGGCCTGACACGCTGCGGCTGGCTGG
 CAACACCCGATTGCCAGATACGGCCGAGGACCTCGTGGTCTGACTGCCCTACAGGAATTGGATGTG
 AGCAACCTAAGCCTGCAGGCCCTGCCAGTGACCTCTCGAGTCTCTTCCCGCCTGCGCCTCTTAGCAG
 CTGCCAGGAACCCCTTCAACTGCTTGTGCCCTTGTGCTGGTGGTGGTGGTGGTGGTGGTGGTGGTGGT
 TGTGTTGGCCAGCCCTGAGGAGACGCGTTGCACTTTCACCCAAGAATGCTGGCCGACTGCTCCTGGAT
 CTGGATTATGCAGATTTTGGCTGCCAGTCACTACTACCACGGCCACAGTACCTACTATAAGGTCTACTA
 TCAGGGAACCCACTTTCAACTTCTAGCCAAGTCCCACCTGGCCAGCCTCACAGAGCCAACCTACCCA
 GGCCTCCACCGTACTATCGACTGCCCAACCATGAGGCCAGTCTCAGCCCAAGGACTGTCCAGCA
 TCCATCTGCCTGAATGGTGGTAGCTGCCGTTTGGGAGCAAGACACCACTGGGAGTGCCTATGCCCTGAGG
 GCTTCATTGGCCGTACTGTGAGAGTCCAGTGGAGCAAGGGATGAAGCCAGTCCATACCAGACTCC
 AAGGCCCCCTCCACTGCTGCCTCTCAGCATTGAGCCGGTGGAGCCACCTCCTTGCCTGTGAAGCTGCAG
 CGTACTTGCAGGTAACACTGTGCAGCTACGGAGCCTCCGGCTCACCTATCGAACCTGTCTGGCCCTG
 ACAAACGACTGGTGACATTACGGCTGCCTGCTTCACTTGCAGAGTATACAGTCAACCAGCTGCGACCCAA
 TGCCACCTATTCTATCTGTGTCACACCCTGGGAGCTGGACGGACACCTGAAGGTGAGGAGGCTGTGGG
 GAGGCCAACACTCCCAGGAGTCCGCTTAACCATGCCCAAGTACCCAGGCCGCTGAGGGCAACCTGC
 CACTTCTCATTGCGCCTGCCCTGGCTGTACTTCTGGCTGTGTTAGCCGCTGCAGGGGACGCTACTG
 TGTGGCGGGGACGGGCAACTTCTACAGCTCAGGACAAAGGGCAGGTGGGGCCAGGACTGGACCCCTG
 GAACTAGAGGGGGTGAAGCCCTTTGGAGCCAGGCTCCAAGGCAACAGAGGGAGGTGGGGAGGCTTTGT
 CAGGTGGTCTGAATGTGAGGTGCCTTTATGGGCTACCCAGGGCCAGCCTTACAGGGGTCTCCTCTGC
 TAAGCACTACATTTAGACTGGTGAGAAAGAGCAGCCAGGGGGTCAAGGCTTTCAGTCAACCCTCCTGCT
 GCCACAGAAGGAAGTTCTCAGTATACACCACAGTGCACGTGCATGATGGAGCTGTGGGACCTCTCTGGG
 CTGGGTCTCATCTGTAAGCTGCTACAGCCAGATGAACTTGCAGCCGCGAGTGCATCCAGTACAGCGC
 CTGCCATCTGTGCAATGTGCAACCCTGGGATGTGAGCCCTGCCATGTGCTGGTAAACATGGCTAGGCATG
 TTGGGCTTCCCAAACCATGGAGTCTGGTAACCAGTGAAGGAAGCCCCAGAAATAATGAGTGGGGAAGGT
 ACTAGGGCACTGGCCTTGGCCTCAAAAGTGCAGGCACACTTGAACCTGGAAGGAAGGTGCTCTGGGCAC
 ATGTGGATTTGCTTCTATTGTTTTGTTTTGTTTTTCTAATGTATTTATAAAAGATCTTTCCCATTTAT
 GCTGGGAAAGTGTTTTTCAAACCTCAGTGACAAGGACTTTGGTTTTTGAAGACTGTTGATGATATGAAGG
 CCTTTTGTAAAGAAAATAAAAAATAAAGTAAAAAAGGGCGGCCCTTTTTTTTTTTTTTTTTTTTTTTTT
 TTTTTTTTTTTAGAAAGTACCAGTTTTTATTATCTTTTTATAAAAAAAAAAAAAAAAAAAAAAAAAAAAAA
 AA

Restriction Sites: RsrII-NotI
ACCN: NM_139307
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:	<ol style="list-style-type: none">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:	BC050274 , AAH50274
RefSeq Size:	2914 bp
RefSeq ORF:	2022 bp
Locus ID:	246154
UniProt ID:	Q9CZT5
Cytogenetics:	16 A1
Gene Summary:	May act as an inhibitor of TGF-beta signaling.[UniProtKB/Swiss-Prot Function]