

Product datasheet for **MC221269**

Vrtn (NM_001168589) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Vrtn (NM_001168589) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Vrtn
Synonyms:	7420416P09Rik
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >NM_001168589.1
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGCC**

ATGACGTCTCGGGATCAGCTGGTGCAGCAGGTGCTGCGGACCTGCAGGAGGCAGTGGAGTCCGAGGGCT
 TAGAGGGTCTCATCGGTGCTGCCCTGGAGGCCAAGCAGGTCTATCTTCCTTACCCCTCCCATCTGCCA
 GAAGGGCGGCCCTGGCGCTCAGGTGCTGGAGGTGGACTCAGTGGCCTTGTAGTCTGTACCCGAGGATGCT
 CCTCGAACATGCTGCCCTTGGTGTGCAAGGGTGAAGGGAGCCTGTTGTTTGAAGCGACCAGCCTGTTGT
 TGTGGGGGCACACGGGTCTCAGCCTGGAGCTGCGAGCCCGCACTGTGGTGGAGATGCTGTCACAGGCA
 CTATTATCTCGAGGGCATGATCGACTCCAAGGTGATGCTGCAGGCTGTGCGCTACTCCTTGTGCTGAG
 GAGTCCCCTGAGATGACCAACTATCTTTTCCACACTGGAGGCCATCTTTGATGCTGATGTAAGGCTA
 CGTGCTTCCCAACGAGCTTCTCCAATGTGTGGCACTTGTATGCCCTCGCCTCCATCCTTGAATGCAACAT
 CTACTCCATCTACCCATGCGCAACATCAAGATCCGACCTATTTTAACCGTGTATCATGCCTCGCTGC
 TCACCCACGTGACCTCCATGCTGCACATCATGTGGGCTGGTCAAGCCCTCACTAGCCACCTCTTCCGTC
 ACCAGTATTTTGGCCCTGTTGTTGGGCTGGAGGAGGTGGAGGCTGACTGTACTGTAGCCTGAACCCCGT
 TCCTCAAACCTGGGTCCTCTGCTACCACCCGCTAAAACCTGGAGCTGCTCAACCGTGAACCTGGCCTC
 AGCTACTCCCACCTCTGTGACCGCATCAGCATCACAAGAGCACCTTCTACCGCTGGCGGGCAGACCC
 AAGAGCACCGTCAAAGGTAGCCACCCGCTTCTCTGCCAAGCACTTCTCGAGGACAGTTTCCACCGTGG
 GGGCTTTGTGCCATTGCAGCAGTTCCTGCAGAGATTCCCTGAGATCTCCCGTTCTACCTACTATGCTTGG
 AAGCATGAGTTGCTGGGCTCTGGTGCCAACTCGGCCCTGGGCCCGGCCACTCCATCCAGGGAGGCATGG
 CTGTGCCGGAGGTGGAGAGGCCACCGGGAAAAAGGCTGCTGAGGAGGTGGGGTCTCTACTGGCAGC
 AGCGATGTTGAGCCCTCCTAGTATGATCTTAATGCAGCGTGCCAAGTCTTTCTTGAGTATTGCATCTCT
 CTGAACAAACTGGTACCATATCGCTGCTTCAAATGCAGGTTCCCTGGCATCTCGAGGTCTACCTACTACA
 ACTGGAGGCGAAAGCCCTCAGAAGGACCCCAAGTTTCAAGTTGTCCCAAGCAGCTTTTGAAGTCTGTA
 GTCTCTCCAGCCAACAGATGTTGGGAAAGAGACCCCTTCTTTGAAGAGAGAAGCGGGAGAGGAGGAG
 ACAGGAAAAGCAGGAAGTGGGGCTCCTCTGACTTCCCGGGGGCTCATATCCCAAAGATGCCCTTATCTC
 GTTGGCAGAGACGACTACGACGGCTGCCCGCAAGCAGGTGCTAAATGGGCACCTACCCTTCTGTGCTT
 CCGCTCCGCTATCCTAGTCTGTTACCTTCCACTTTTGGGTATGAAAAGTCTTCCCGGAGATCGCC
 GGGATGCAGATTCCTCTTTGAGCCAGAGGAGGCAGAAGCCTCAGGGACGCGAGAAGCCGAGGGACGGC
 AGAAGCCCGAGGAACAGCAGAAGCCCGAGGGACGCGAGAAGCCGAGGGACGCGAGAAGCCAGTTGAACC
 ACAGGCTATGGAAGCTGATCAGAATGTACCGGCTATGGTGGTTCCTCCAGCGGAGACACTGCCAGTGGCT
 ACTTCTCCAGAAGATGTCCCAGGAGGGCCTTCCAGAGAGGGAAACATCATTCAAGAGGCAGCTATGACCC
 AGAGCCAAACCCATAGTGGATCGTTGCCAAGCCAGACTCTGGCGGAGGCACCCGGGGCAGTGTGGGCA
 GGTGCTGGTGTGGACATGCTTACCACCACGAGGTTCAAGGCCAGGCCAAGCTGTTCTGCAGAAGCGG
 TTCCAGTCAAGACTTTCCCTCCTACAAGGAGTCCAGGCGCTTCCCCCTCACTGCCCGCTCCACCT
 ACTACATGTGGAAGCGGGCGCTCTATGAAGTCTCACACTGATTGATGGCTGA

ACGCGTACGCGGCGCTCGAGCAGAACTCATCTCTGAAGAGGATCTGGCAGCAAATGATATCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI

ACCN: NM_001168589

Insert Size: 2223 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:	<u>NM_001168589.1</u> , <u>NP_001162061.1</u>
RefSeq Size:	3094 bp
RefSeq ORF:	2223 bp
Locus ID:	432677
UniProt ID:	<u>Q3SYK4</u>
Cytogenetics:	12 D1