

## Product datasheet for **MC216239**

### Vim (NM\_011701) Mouse Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	Vim (NM_011701) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Vim
Synonyms:	MGC102095
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>NCBI ORF sequence for NM_011701, the custom clone sequence may differ by one or more nucleotides

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ATGTCTACCAGGTCTGTGTCCTCGTCTCTACCGCAGGATGTTTCGGTGGCTCCGGCACATCGAGCCGGC
CCAGCTCCAACCGGAGCTATGTGACCACGTCCACACGCACCTACAGTCTGGGCAGCGCACTGCGCCCCAG
CACTAGCCGCAGCCTCTATTCTCATCCCCGGTGGCGCCTATGTGACCCGGTCTCGGCAGTGCGCCTG
CGGAGCAGCGTGCCGGGCGTGCGGCTGCTTCAAGACTCGGTGGACTTCTCGCTGGCCGACGCCATCAACA
CTGAGTTCAAGAACCCCGCACCAACGAGAAGGTAGAAGTGCAGGAGCTGAATGACCGCTTTGCCAACTA
CATCGACAAGGTGCGCTTCTCGAGCAGCAGAACAAAATCCTGCTGGCTGAGCTCGAGCAGCTCAAGGGC
CAGGGCAAGTCGCGCCTGGGCGACCTGTACGAGGAGGAGATGCGGGAGCTGCGCCGGCAGGTGGATCAGC
TCACCAACGACAAGGCCCGTGTGAGGTGGAGCGGGACAACCTGGCCGAGGACATCATGCGCTGCGAGA
GAAATTGCAGGAGGAGATGCTCCAGAGAGAGGAAGCCGAAAGCACCTGCAGTCAATTCAGACAGGATGTT
GACAATGCTTCTCTGGCACGTCTTGACCTTGAACGGAAAGTGGAAATCCTTGACGGAAGAAATGCGTTTT
TGAAGAACTGCACGATGAAGAGATCCAGGAGCTGCAGGCCAGATTGAGGAACAGCATGTCCAGATCGA
TGTGGACGTTTCCAAGCCTGACCTCACTGCTGCCCTGCGTGATGTGCGCCAGCAGTATGAAAGCGTGGCT
GCCAAGAACCTCCAGGAGGCCGAGGAATGGTACAAGTCCAAGTTTGCTGACCTCTCTGAGGCTGCCAACC
GGAACAACGATGCCCTGCGCCAGGCCAAGCAGGAGTCAAACGAGTACCGGAGACAGGTGCAGTCACTCAC
CTGTGAAGTGGATGCCCTTAAAGGCACTAACGAGTCCCTGGAGCGCCAGATGCGTGAGATGGAAGAGAAT
TTTGCCCTTGAAGCTGCTAACTACCAGGACACTATTGGCCGCTGCAGGATGAGATCCAAAACATGAAGG
AAGAGATGGCTCGTCACCTTCGTGAATACCAAGATCTGCTCAATGTTAAGATGGCCCTGGACATTGAGAT
CGCCACCTACAGGAAGCTGCTGGAAGGCGAGGAGAGCAGGATTTCTGCTCTGCCAACCTTTTCTTCC
CTGAACCTGAGAGAACTAACCTGGAGTCACTTCTCTGGTTGACACCCACTCAAAAAGAACACTCTGA
TTAAGACGTTGAGACCAGAGATGGACAGGTGATCAATGAGACTTCTCAGCATCACGATGACCTTGAATA
A
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<b>Restriction Sites:</b>	Sgfl-Mlul
<b>ACCN:</b>	NM_011701
<b>Insert Size:</b>	1401 bp
<b>OTI Disclaimer:</b>	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).
<b>Components:</b>	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).
<b>Reconstitution Method:</b>	<ol style="list-style-type: none"><li>1. Centrifuge at 5,000xg for 5min.</li><li>2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.</li><li>3. Close the tube and incubate for 10 minutes at room temperature.</li><li>4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.</li><li>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.</li></ol>
<b>RefSeq:</b>	<a href="#">BC089335</a> , <a href="#">AAH89335</a>
<b>RefSeq Size:</b>	1888 bp
<b>RefSeq ORF:</b>	1401 bp
<b>Locus ID:</b>	22352
<b>UniProt ID:</b>	<a href="#">P20152</a>
<b>Cytogenetics:</b>	2 10.04 cM
<b>Gene Summary:</b>	Vimentins are class-III intermediate filaments found in various non-epithelial cells, especially mesenchymal cells. Vimentin is attached to the nucleus, endoplasmic reticulum, and mitochondria, either laterally or terminally.[UniProtKB/Swiss-Prot Function]