

## Product datasheet for **MC220910**

### Zfyve9 (NM\_183300) Mouse Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	Zfyve9 (NM_183300) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Zfyve9
Synonyms:	Madhip; NSP; SARA; SMADIP
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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**Fully Sequenced ORF:** >MC220910 representing NM\_183300  
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGCATCGCC**

ATGAATTTGAACAAAATGAAGGTTTTCTGTGCTTCTCTGCTGCAGCCTAAAATGCAAACCTGCTGTACATGG  
 ACAGAAAGGAAGCCAGAGTGTGTGAATCTGCACTCAGTGTGATGAATGCTCAAGCCTGGGAGAACAT  
 GATGAGTGCCTCAAGCCAGAGCCCTAACCTAACCAATCCTGCTGAATACTGTTCTACTATCCCTCCCTTG  
 CAGCAAGCTCAGGCCTCAGGAGCCCTGAGCTCTCCACCTCCCACTGTGATGGTACCTGTGGGAGTTTTAA  
 AGCACCCTGGAACAGAAGTGCCTCAGCCAGAGAGCAGAGGAGAGTTGGTTTGTGATGGGATCTTACC  
 TAATGGAGAAGTTGCTGATGCAGCCAAATTAACAATGAATGGAACCTCCTCTGCAGGAACCTGGCTGTG  
 TCATGACCCAGTCAAGCCTGTAGCCACCAGTCTCTCCAACAGAGGCTGATACTTCTCTGTTCTCTG  
 GGAGCATTACTCAGGTTGGAAGTCTGTTGGAAGTGAATGAACCTTATCCTGAAGATGGCCTTCTCC  
 CATCCTCATCTCCACTGGTGTGAAAGGAGATTATGCTGTGGAAGAGAAACCATCACAGATTCAGTCATG  
 CAGCAACTGGAGGATGGTGGCCCTGACCCACTTGTCTTTGTTTTAAATGCAAATTTATTGTCAATGGTTA  
 AAATTGTAATATGTGAACAGGAAGTGTGGTGTTTACAACCAAGGGATGCATGCCGTGGGTCAATC  
 TGAGATAGTTATCTTCTGCAAGTGTCTGCCAGATGAGAAATGTTGCCTAAGGACATCTTTAATCACTTT  
 GTACAGCTTTACCGGGACGCCCTGGCAGGGAAATGTTGTGGGCAGCCTGGGACATTCTTTCTTCAAGTCAA  
 GTTTCCTGGGCAGTAAAGAACATGGTGGGTTCTTGTATGTGACATCTACCTACCAGTCACTGCAAGACCT  
 GGTGCTTCCAACCCCTCCTTACCTGTTGGGATTCATCCAGAAATGGGAACTCCTTGGGCCAAAGTG  
 TTTCCCATACGACTCTTGTAAAGACTTGGAGACTGACCATACCATGAATCTTCTAGCAGACTCCGAAATTA  
 CCAGTATACTCTGCCAGTTGTCCAAGGTTTAGTGGTTGATATGGAAGTTCGAAAAACAAGCATCAAAT  
 CCCAGCAACAGATATAATGAGATGATGAAAGCCATGAACAAATCCAATGAACATGTACTGGCAGGAGGTG  
 CCTGCTTCAATGAAAAGGCAGATTCTCATCTTGTGTGTACAGAACGATGATGAAAATCAAAACCCA  
 GGCCATCAGTATTCACAATCAGCCAGGAAAGTACTGGCGCCAGTTCTTTGTGTTCAAGTGGCGCACTG  
 AAATCCTTTCAGGATACCTTGCCAAGTCCAGTATTGTAGAAGATGGAGTCAAGTCCAGATCACTGCGG  
 AGAACATGGACTCCTTGAGGCAGGCACTGCGGGAGATGAAGGACTTTACCATCACTTGTGGGAAGGCGGA  
 TGCAGAGGACCCAGGAACAGATCCACATCCAGTGGGTGGACGATGACAAGACAGTTAACAAAGGTGTG  
 GTGAGTCTATAGATGGGAAGTCTATGGAATCTATAACAAACGTGAAAATATTCCATGGGTGAGATATA  
 AAGCAAACGAAAAGTCAATCAGATGGACAGAGGTGTTTTCTGGAAAACGATGACCACCATAACTGCCT  
 GAGTGACCCTGCAGATCACAGCAGACTGACTGAGCATGTCGCAAGGCATTCTGCCTCGCCCTTGCCTCC  
 CACCTGAAGCTTTTAAAAGAAGATGGAATGACAAAACCTGGGACTCCGTGTGACGCTTACTCAGATCAGG  
 TTGGCTATCAAGCAGGGAGCAATGGCCAGCCCTTCCCTCGCAGTACATGAACGATCTGGACAGTGCCTT  
 GGTGCCTGTCATTATGGAGGAGCCTGCCAGCTCAGTGAAGGCCCTGTCGTATGGAACCTCATCTTTTAT  
 ATTCTGGAAAACATCGCA**TAG**

**ACGCGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

**Restriction Sites:** SgfI-MluI

**ACCN:** NM\_183300

**Insert Size:** 2121 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).

<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>	<u><a href="#">NM_183300.2</a></u> , <u><a href="#">NP_899123.2</a></u>
<b>RefSeq Size:</b>	2170 bp
<b>RefSeq ORF:</b>	2121 bp
<b>Locus ID:</b>	230597
<b>Cytogenetics:</b>	4 C7