

Product datasheet for **RN206647**

Zfyve9 (NM_001107952) Rat Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Zfyve9 (NM_001107952) Rat Untagged Clone
Tag: Tag Free
Symbol: Zfyve9
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
Fully Sequenced ORF: >RN206647 representing NM_001107952
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGCC**

ATGGAGAATTACTTCCAAGCAGAAGCTTACAACCTGGACAAGGTATTAGATGAATTTGAACAAAATGAAG
 ATGAAACAGTTTTCTCTACTTTATTGGATACAAAGTGAATAAGATTTTAGATTCTCTCTCATCCATT
 GTCTTTTAAACCTGCATTAGCCAATGTGAATGAACCTACAATTTCTAATGAGACAGGACCACAGCGGAAA
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 GAGAACTACAATCAGGATGATCAATTTAGTGCCGTTGAAGTGGGAGAGGAGAAACGTGGGAGCCTCACT
 TGTCTGCCAGACGAGAAGAATGTTCTGGTTGTAGCTGTCATGCATAACTGTGATAAAAGGACTGCAAA
 GTGATTTGCAGGATTGTAATAACTATAATAGTCAATCCCTCATGGATTCTTTAGCTGTTCACTGGATAA
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 CTATAATGAAGAAAAATTTTACATAATTTCTGTAGTCAATCCCATCTGTACTCGGGCAATCTTCCCC
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AAACTTCAGATTCCAAAGCCATTATCAGACCATTTACAAAATGACCTTCCTGCAAACAATGGAAATAATA
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 AACTTTGGGAAACATCTCTGTGACTGATACAAATGGGGAACATTTAGAAAAGTTTCGAGGCTGACATCTCC
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 GTTTGGGATTCATCCAGAAATGGGAGACCCCTGGGCCAAAGTGTTCCTATTCGACTCATGTTAAGA
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 ATGAAAGCCATGAACAAATCCAATGAGCAGCTCCTGGCAGGAGGTGCCTGCTTCAATGAAAAGGCAGATT
 CTCATCTTGTGTGTACAGAACGATGATGGAACTATCAGACCCAGGCCATCAGTATTCACAATCAGCC
 CAGGAAAGTACTGGTGCAGCTTCTTCTGTTCACTGAGTGGCAGTGAAGTCTTCCAGGTACCTTGGC
 AAGTCCAGTATTGTAGAAGATGGCGTTATGGTCCAGATCACTGCAGAGAACATGGATTCTTGGGCAGG
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 CCACATCCAGTGGGTGGACGACGACAAGACAGTTAACAAAGGTGTGGTGTGAGTCTATAGATGGGAAGTCC
 ATGGAATCTATAACAAATGTGAAAATATCCATGGGTGAGATATAAAGCCAATGAAAAGTGCATCAGAT
 GGACAGAGGTTTTCTTCCAGAGAACGATGACCACCGTACCTGCCTGAGTACCCCTGCAGATCACAGCAG
 ACTGACCGAGCAGCTCGCCAAGGCATTCTGCCTGGCCCTCTGCCCCACCTGAAGCTTTTAAAAGAAGAC
 GGAATGACAAAATGGGACTCCGTGTGACGCTTACTCAGATCAGGTTGGCTATCAAGCAGGGAGCAATG
 GACAGCCCTCCCTCGCAGTACATGAAGGATCTGGACAGTGCCTTGGTGCCTGTATCCATGGAGGAGC
 CTGCCAGCTCAGCGAGGGCCCGTGGCATCGAGCTCATCTTTACATCTGGAGAACATCGCGTAG

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** SgfI-MluI
- ACCN:** NM_001107952
- Insert Size:** 4197 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_001107952.1](#), [NP_001101422.1](#)

RefSeq Size: 6457 bp

RefSeq ORF: 4197 bp

Locus ID: 313477

Cytogenetics: 5q34