

Product datasheet for **RN206668**

Zfyve28 (NM_001107227) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Zfyve28 (NM_001107227) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Zfyve28
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF:

>RN206668 representing NM_001107227

Red=Cloning site Blue=ORF Orange=Stop codon

 TTTTGAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGCATCGC**

ATGATGAACAGATTCCGAAAGTGCTGTATAAACCCAAGAGGTGACACCCACAGCTGCTGGCCAGTTCT
 ACTATGCCGATGAGGAGCTGAACCAGGTGGCTGCAGAGCTAGACAGCCTGGATGGCGGAAGGAGCCCCA
 GAGGTGCACACTGCTTGTGAGCCAGTTCGCTCCTGTGAGGACAATGTGTTAAACATCATTAATCAGATC
 ATGGAGGAGTGTATCCCCAGGACCGAGCCCTCGGGATTTCTGCGTCAAGTTTCCAGAGGAGATCCGGC
 ACGACAATTGGCTGGCCAGCTGTGGTTCGGGGCTGAGTGCCTGGCAGCTGGCTCCATCATCATGAATCG
 TGAGCTGGAGAGCATGGCCATGCGGCCGCTGGCCAAGGAGCTGACGCGCAGCCTGGAGGATGTGCGGGGC
 ACTCTCCGTGACCAGGCACTACGAGACCTAACACCTACACGGAAGATGCGGGAGGCGCTGAGACGCT
 TTGATGTTCTGTTTCCGAGTTTGAAGTGAAGTATGTCTCAGCCATGGTCCAGTGAAGTCCCCAGGGA
 GTACTATGTGACGAGGAGTCACTGCTGCTGTTCTGTGAGACGGTGGAGAGAGCCTTGGAGTTTGGGTAT
 CTGACCCAGGACATGATTGACGACTATGAGCCTGCTCTCATGTTACCATTTCCTCGGCTGGCCATTGTGT
 GTGGCCTTGTGGTCTATGCAGATGGACCCCTGAAGTTGGACCGAAAGGTGGAGGACATGTCTGAGCTGTT
 CCGGCCCTTCCACACGTTGCTGCGGAAAATAAGGGATCTGCTGCAGGCACTGACTGAGGAGGAGCTGCAC
 ACCCTGGAGCGGAGCCTCTGCGTGTCTCAGGATGTGGAGCTTCCCATCCGGGCAGACGCCAGGCACCCA
 GTGCCCTGGCACCTCCTTTCTGCATCCCTTGCCCCGAGGAGACATTTCCGCCAGTGCCAATAACCC
 AGAGGAAGAGCTGGCCTGCTCGATGCAGTATGATGACAGGAGCTGGAGGAGCTCAGCCGCATGGTCCAC
 AGGGCCGGGATGAGATGTCTTCTGCTTTCACCGCCAGTGCCTGTGAGTCCCGAGCCATAGGGCAG
 GCTCAGAGGCTAGCCCTCGAGGAGAGGCTCTCCAGCCAGAGCCAGCTGAAGTCCGGCAGCGATGAGGA
 GGAAAGGGTGTCTTCATGGATGATGTGGAGGTGACAGAGTCTCCTGCCAGGCCGAATCCCCAAGGAGC
 ACATTTGAGTTGACGAGGGTAATGTCCAACAGAGAGGACAGGATGGCCAGAGTGGAGAGGTGGGGTTA
 GGGCACCTGCCCTGGTAAAGGAGGAAGACTGGAGCAACAACAATTGAAGGTGACAAGATAAAGCTGGC
 CAGCCTCGCGGCTCCACTTCTGCACTGCTAGACTCAGAGCTATACCTGGATGGCTGGGAGGTGAGC
 GCAGAGGATGCCGAGACTGCAGAAATGATTGCACACCGGACCGGGGAATGAAGTGTGCGCCACAGTCA
 TCTTCAACCCCAAGTCTCAACCTCCTTGGACTCAGCTGCGGCAAGCCAAGAAGTCCCGGCCATAGTAT
 TTCCCCATTGGAGCCAGGGCCAGGGGACAGGGGACAATACACAAACTCAGCACTACAGCCACCAAC
 TGCTCTCCTCCACTCCTGTGTGTGCTGTGGCAGCTGTGGGACAGCAGGGAGGATGCTGTAGAGTGCCTAC
 GGGAGAAGTGTGCCCCAGGAAGTGTCTCAGTGCCTCTAACCTTCTGTAAAGCTTAGCCAAGGGTGGTGA
 AAAAGAGCCTGAGAGACTAGAGGAGGCCAGCCTTCTGATGTACCCCTGCCTGCAGAAGATGCCTCCAGT
 AGGCAGGAGCCCAAGGCCCTGCTTCCAACAAGTGCCTGGCACACACCTCAGGGCCTCAGGTGGACACAG
 CAAGCAGGTTGCAAGGAGAGAGTGAAGTCAAAGGCCAGCCAGAACCAGAGGCCAGAAAGCAGGACTCTGA
 GAAGTCTCCTGTGGTCACTGGGGACAGTCCAAGAGGGGACACGGCCAGACAGAAACCCAGCACCTGTGCG
 GGCTCCAGCTCCACGACTGGTTCCTGCTCCTTAGACAGCACCAGGTTGGAGGTGACCACTGCAGTCATGC
 CTGTACCCCCATGGCCACCAGAGAGAAGATCCGGTCCAGGTTCCATGGCAGCCATGACCTGATCCACCG
 CCTATTTGTCTGCATTTAGGTGTAGCTGACAGCTGCAGACGAAGTATGCTAGCGACCTAAGAAGTATT
 CTCAAAACACTGTTTGAAGTCAAGGCCACAAAGCCAGAAACAGATGACAAAGAGAAGCTAAAGAAGGTAA
 CCCAGAGCCTGCGGAGCGCGCCTTGAAGACTGTGATTGTGCCAGGAACTGTGTATCTCAGAACT
 GGCAGCCAAGACCCGAGATGGGGACTTTGAAGACCTCCCGAGTGGGTGCCAGATGAGGCCTGCGGCGTC
 TGCACCTCCTGTAAGCTCCCTTACCGTCATCCGCAGGAAGCAGCACTGTGCGAGCTGTGGGAAGATCT
 TCTGTTCCCGCTGCTCATCACTCAGCACCCTTCCGCGCTATGGCCAGGTGAAGCCTGTCCGTGTGTG
 CACGCATTGCTACATGTTCCACGTCACGCCCTTCTACAGTGACAAGACGGGCATG**TGA**

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites:

SgfI-MluI

ACCN:

NM_001107227

Insert Size:	2718 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:	<u>NM_001107227.1, NP_001100697.1</u>
RefSeq Size:	3980 bp
RefSeq ORF:	2718 bp
Locus ID:	305454
Cytogenetics:	14q21