

Product datasheet for **RN203097**

Zfyve26 (NM_001108038) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Zfyve26 (NM_001108038) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Zfyve26
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>RN203097 representing NM_001108038 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGCATCGCC**

ATGAGTTACCCATTTGGGAAAGAGGAAACCACTACAGAGAAGCAGCTTTTGAATTTTCTGTGAGTGCC
TGGCGAGGGGAGACTGGGAGTTGGCACAAGCATGTGTACCTCACTACAAAGGGGGCAAGGAGAGATCCC
CCAAAAGGTGGAGGACATACTACAGGCACTGGTACAGTGTCCATTCTGCTAAGATGTGGGCCAGACATC
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GGATTCTCTCCCTTCCCCAGGTGCTTCACATCTCTTCCCAACATACCTGGCCAGGTGCCGACAGTATTTA
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ACAAGGTCCGGGCCTATCTGACGTGTTGCAAGCTGCGTTCTGCCTACCTGATTGCCGTGAAGCAAGAAC
CACTCAGGCCCGCCCTCGTCCAGCAGGTGCAGCAGGCTGCCAAAAGCAGCGGGGATTCTGTAGTGCAA
GACATCTGTGCTCAGTGGCTTCTGACAAGCCATTCCCGTGGTGCCATGGTTCAGGCTCCAGGAAGTGA

AGCGGACCGACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCC
TGGATTACAAGGATGACGACGATAAGGTTTAA

Restriction Sites:

SgfI-RsrII

ACCN:

NM_001108038

Insert Size:

7629 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_001108038.1, NP_001101508.1

RefSeq Size: 9504 bp

RefSeq ORF: 7629 bp

Locus ID: 314265

UniProt ID: D4A8G9

Cytogenetics: 6q24

Gene Summary: Phosphatidylinositol 3-phosphate-binding protein required for the abscission step in cytokinesis: recruited to the midbody during cytokinesis and acts as a regulator of abscission. May also be required for efficient homologous recombination DNA double-strand break repair (By similarity).[UniProtKB/Swiss-Prot Function]