

Product datasheet for **MC207668**

Zfyve21 (NM_026752) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Zfyve21 (NM_026752) Mouse Untagged Clone
Tag: Tag Free
Symbol: Zfyve21
Synonyms: 1110013H04Rik; AW558780; C85416
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
Fully Sequenced ORF: >MC207668 representing NM_026752
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**GCGATCGCC**

ATGTCCTCGGGGTGGCCGCGCTCGCGACGCCAAGAAGCTTGTGCGCTCGCCAAGTGGCCTGCCATGG
TGCCGGAGCACCGCCCTTCGGAAGCCCTTCGGCTTGGAGGAGCCGAGTGGTTCCGGACAAGGAGTG
CCCAAGATGTATGCAGTGTGATGCCAAGTTTGACTTCATCACCAGAAAGCATCACTGCCGCCGTGTGGG
AAGTGCTTCTGCGACAGGTGCTGCAGCCAGAAGTGCCACTTCGGCGCATGTGCTTCGTGGACCCAGTGC
GCCAGTGTGCTGACTGTGCCCTGGTGTCCACCGAGAGCGGAGTTTTATGACAAGCAGCTGAAGGTGCT
CCTAAGTGGAGCTACCTCCTTGTACTTTGGGGACTCAGAGAAGCCCGAGACCATGGTTTGTCTGCTT
TCCAACAACCAGAGGTGCTTGGTTCTGGATGGGGACAGTCATCGTGAAATCGAGATTGCACATGTCTGTA
CTGTTCTAGATTCTCACAGAAGGCTTCACTCCTGGAGCAGGCAGCACCCGAGCCACTGGCATGCTCCTGCA
GTACACAGTGCCAGGGGCAGAGGCTGCAGCACAGCTGAGGCTGATGGCCGGAGAGGACCGCAGCGGCAGC
AAGAGGCAGGCAGCAGCGTGGCTGGCAGCCATGCACAAGGCTACCAAGCTCCTCTATGAATCACGAGACC
AGTAA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
ACCN: NM_026752
Insert Size: 705 bp



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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:	<ol style="list-style-type: none">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_026752.4 , NP_081028.3
RefSeq Size:	1310 bp
RefSeq ORF:	705 bp
Locus ID:	68520
UniProt ID:	Q8VCM3
Cytogenetics:	12 F1
Gene Summary:	Plays a role in cell adhesion, and thereby in cell motility which requires repeated formation and disassembly of focal adhesions. Regulates microtubule-induced PTK2/FAK1 dephosphorylation, an event important for focal adhesion disassembly, as well as integrin beta-1/ITGB1 cell surface expression (By similarity).[UniProtKB/Swiss-Prot Function]