

Product datasheet for **MC203139**

Zg16 (NM_026918) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Zg16 (NM_026918) Mouse Untagged Clone
Tag: Tag Free
Symbol: Zg16
Synonyms: 1810010M01Rik; AI593689; ZG16p
Mammalian Cell Selection: Neomycin
Vector: PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection: Kanamycin (25 ug/mL)

Fully Sequenced ORF: >BC031800
 CAGAATGTTGGCCGTCGCCCTCTTAGTCCTTCTTTGTGCCTCGGCCTCTGCTAATCCATTCAGTCCAGG
 ACATCCTCTTACAGTGGAGAGTATGGAGGTAAAGGAGGAAAGCGATTCTCTCATTCTGGCAACCAGCTGG
 ACGGCCCATCACGCCTTCCGTATCCGGGTCAACAGATACTACATAGTAGGTCTCCAGGTGCGCTATGG
 CACAGTGTGGAGTGACTATGTAGGTGGCACACAGGAGACCTGGAGGAGATCTTTCTGCACCCCGGGGAA
 TCTGTGATCCAGGTGTCTGGCAAGTACAAATCATACGTGAAGCAGATGATCTTCGTGACGGACAAGGGCC
 GCTACCTGCCTTTGGAAAAGCCTCAGGCACAAGTTTCAACGCTGTTCCCTTGCAATCCCAACTGTCTCT
 CCGTTTCATTAGTGGCGATCTGGCTCTGCCATAGATTCTATTAGCCTGCACTGGGATACCTACCCTAGC
 CACTGCAACACTTGCTGAATGAAACCCACCTTCTTTCTGTCAGGGGTGCTGTGTGTGTATGGGGTGGT
 GGTGGTGAGAACTCCCTTATCACCAAGCCCATGAAAGTATGCAAATAGCTTAATAAAAAGGATATGGTTA
 AAGCCAAA

Restriction Sites: RsrII-NotI

ACCN: NM_026918

Insert Size: 504 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).



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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: [BC031800](#), [AAH31800](#)

RefSeq Size: 673 bp

RefSeq ORF: 504 bp

Locus ID: 69036

UniProt ID: [Q8K0C5](#)

Cytogenetics: 7 F3

Gene Summary: May play a role in protein trafficking. May act as a linker molecule between the submembranous matrix on the luminal side of zymogen granule membrane (ZGM) and aggregated secretory proteins during granule formation in the TGN (By similarity).
[UniProtKB/Swiss-Prot Function]