

Product datasheet for **RN212160**

Zg16 (NM_134409) Rat Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Zg16 (NM_134409) Rat Untagged Clone
Tag: Tag Free
Symbol: Zg16
Synonyms: Zg-16p; Zg16p
Mammalian Cell Selection: Neomycin
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Fully Sequenced ORF: >RN212160 representing NM_134409
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGTTGGCCATTGCCCTCTAGTCCTTCTGTGCCTCGGCGTCTGCTAATTCATTTCAGTCCAGGTCTCT
CCTTTACAGTGGAGAGTATGGCGGTAAGGAGGAAAGCGATTCTCTCACTCTGGCAACCAGCTGGACGG
CCCCATCACTGCCATCCGGATCCGTGTCAACAGATACTACATAATAGGTCTCCAGGTGCGCTACGGCACA
GTGTGGAGTGACTATGTGGTGGCAACCAGGGAGACCTGGAGGAGATCTTTCTGCACCCCGGGGAATCTG
TGATCCAGGTGTCTGGCAAGTACAAATCTTATGTGAAGCAGCTGATCTTCTGTGACAGACAAGGCCGCTA
CCTGCCTTTTGGAAAAGACTCAGGCACAAGTTCAACGCTGTTCCCTTGACCCCAACACTGTCTCCGT
TTCATTAGTGGCCGATCTGGCTCTGCCATAGATGCTATCAGCCTGCACTGGGATACCTACCTAGCCACT
GCAACACTTGT**TGA**

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
ACCN: NM_134409
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).



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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_134409.2 , NP_599236.2
RefSeq Size:	634 bp
RefSeq ORF:	504 bp
Locus ID:	171449
UniProt ID:	Q8CJD3
Cytogenetics:	1q37
Gene Summary:	binds Mdr 1 ligand dihydropyridine derivative BZDC-DHP; may regulate an ATP-sensitive K ⁺ conductance in pancreatic zymogen granules [RGD, Feb 2006]