

## Product datasheet for **RN209705**

### **Fiz1 (NM\_001106223) Rat Untagged Clone**

#### **Product data:**

Product Type:	Expression Plasmids
Product Name:	Fiz1 (NM_001106223) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Fiz1
Synonyms:	RGD1306359
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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**Fully Sequenced ORF:** >RN209705 representing NM\_001106223  
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGGATCGCC**

ATGGATGACCCTCGCTTCTGTGGTTCTGCTGCTCCAGGGCCAGGCCATCTGCCACTGCGCCTCGGG  
 TCCCTTTCACTGCAGCGAATGTGGCAAGAGCTTCCGTTACCGATCCGACCTGAGGCGCCATTTTGCCTG  
 ACACACAGCGCTCAAGCCCCACGCATGTCTCGATGCGGCAAGGGCTCAAGCATAGCTTCAACTTGGCT  
 AACCACTGCGCTCACACACCGGTGAGCGACCCTACCGATGTTCCGCTGCCCTAAGGGATTCCGAGACT  
 CCACTGGCTGCTGCACCACCAGGTGTCACACTGGTGAGAAGCCCTACTGCTGTTTGGCTGCGAGCT  
 CCGCTTCTCTCGCTCCAGCCTGGGCCGCCATCTCAAGCGTCAGCACCGGGGCACACTTCCCTCTCCC  
 CTGCAGCTAGCCGGGCTGCCCTTCCCTGAGCTCCCCCTGCTCAGTATGTTGCAACGTTGGTCCCTGCT  
 CAGTTTGTGGAGGTGGAGGGTCCGGTGGAGGAGAGGGCCTGGAGGGAGCTGGAGCGACCAGCTGGGGACT  
 GGCAGAGGCTGCAGCAGCTGCGGCAGCTTCGCTGCCCCATTTGCATGTGGTGCCTGTGCCAGGCGTTTT  
 GACCATGGTCCGGAGCTGGCAGCCCACTGGGCTGCACACACTGATGTGAAGCCATTCAAGTGCCCGCGTT  
 GTGAGCGCGACTTCAATGCACCTGCGCTGCTGGAACGCCACAAGCTCACACACGACTGCAGGGGAGCAG  
 TGCACCTCCAACACAGTTTGGGCTCCGGTGGGGCTCCAGAGGTGGCAGGAGAGGGTGACACAGCGGAG  
 GTGGGGGCCACCCCAACTTGGGACGCCGGCTACTCTGAGCCCTACTGGTGCAGGCGTTCCCAAAC  
 TGGAGGCACTGCTTCCGAGGATGAGGGCGCTGGGAATGCCAGGCTCCGGCTGCGGCAGCCGAAGCATC  
 CTCAGAAGACACTGTACCAATGCGACTGCGGGACCTTCTTCGCGTCTGCCCTGCTTTAGCCAGCCAT  
 CTAGAGGCGCACTTGGCCAGCCACGTACGGCTGTGGCATTGCGGGGCGCTGTACGCAGCAGTGGCCG  
 CCCTGGAGGAGCATCGGCGTCAAGCCATGGTAAGGGCAGCGGGGAGGCAGCCCCGACGCTGAGGGTGA  
 GCAGGTGGCTGGAGGGCCCGGACCCGGTTCTCCAGCCGTGGCAAGAAAATCTTTGGCTGTTCTGAGTGC  
 GAGAAGTTGTTCCGCTCTCCTCGAGACCTGAAAAGGCATGTGCTGGTCCATACTGGGGAAAAGCCATTCC  
 CGTGCCTGGAGTGTGGCAAGTTCTTCCGCCATGAGTGCTACCTCAAGCGTCACCGGCTGCTGCATGGCAC  
 AGAGCGGCCCTTCCCTGCCACATCTGTGGCAAGGGCTTCATCACGCTTAGCAACCTCTCCAGGCACCTG  
 AAGCTACACAGGGGCATGGACTGA

**ACGCGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** SgfI-MluI
- ACCN:** NM\_001106223
- Insert Size:** 1494 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\\_001106223.1](#), [NP\\_001099693.1](#)

**RefSeq Size:** 2655 bp

**RefSeq ORF:** 1494 bp

**Locus ID:** 292584

**Cytogenetics:** 1q12