

Product datasheet for **MC216983**

Fiz1 (NM_001110329) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Fiz1 (NM_001110329) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Fiz1
Synonyms:	A1790204; mFLJ00416
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >MC216983 representing NM_001110329
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGAAGACTCCTCGCTGCTGTGGTTCCTGCCCCATCGCTGCTCCAGGACCAGCACCATCTGCCACTG
 CGCCTCGGGTCCCCTTTCACTGTAGCGAATGTGGCAAGAGTTTCCGTTACCGATCAGACCTGAGGCGCCA
 CTTTGCTCGACACACGGCTCTCAAGCCCCACGCATGTCCTCGATGCGGTAAGGGCTTCAAGCATAGCTTC
 AACTTGGTAACACCTGCGCTCACACTGGTGAACGACCCTACCGATGCTCTGCCTGCCCTAAGGGAT
 TCCGAGACTCCACTGGCCTGCTGCACCACCAGGTGGTCCACACTGGTAAAAGCCCTACTGCTGTTTGGT
 CTGTGAGCTCCGTTCTCCTCTCGCTCCAGCCTGGGCGCCATCTCAAGCGGCAGCACCGGGGCACACTT
 CCCTCTCCCTGCAGCCTAGCCCCGGCTGCCCTCCCTGAGCTCCCCCTGCTCAGTATGTTGCAACGTGG
 GTCCTGTTCGGTTTGTGGAGGTGGAGGGTCCAGTGGAGGAGAGGGCCTGGAGGGAGCAGGAGCAACCAG
 CTGGGGACTGGCAGAGGCTGCAGCAGCCGCGGCAGCCTCGCTGCCCCATTTGCATGCGGTGCTGTGCC
 AGGCGTTTTGACCATGGCCGGGAGCTTGCAGCCACTGGGCCGCACACCGATGTGAAGCCATTCAAGT
 GCCCTCGCTGTGAGCGCGACTTCAACGCACCTGCGCTGCTGGAACGCCACAAGCTCACTCATGACCTGCA
 GGGGAGCAATGCACCTCCAACGCAGTTTGGGCCCTCGGGTGGGGTCCGGAGGTGGCAGGAGAGGGAGAT
 GCCTCAGAGGTGGGGGCCGCCCCCAGACTTGGGACGCCGGGCTGCTCCTGAGCCCTACCGGGCAGGCG
 TGCCCAAGCTGGAGGCATTGCTCCCGGGGACGAGGGCTCTGGGAATGACCAGGCTCCGGCTGCAGCAGC
 CGAAGCATCTTCGGAAGACACTGTACCAGTGCAGTGCAGGACCTTCTTCGCATCTGCCCCGGCTTTG
 GCCAGCCATTTAGAGGCTCACTCAGGCCAGCCACTTATGGCTGTGGCCACTGCGGGGCGCTGTACGCAG
 CGCTGGCTGCCCTGGAGGAGCATCGGCGTGCAAGCCATGGTGGGGTGGGGGAGGCAGCCCCCGATGG
 TGAGGGCAATCAGGCGGCTGGCGGGCCGGGACCCGGCTCCTCCAGCCGTAGCAAGAAGATCTTTGGCTGT
 TCCGAATGTGAGAAGCTGTTCCGTTACCTCGAGACCTGAAAAGGCATGTGTTGGTCCATACCGGGGAAA
 AGCCGTTCCCGTGCCTGGAGTGTGGCAAGTTCTTCCGCCACGAGTGTACCTCAAGCGTCAACCGGCTGT
 GCATGGCACAGAGCGGCCCTTCCCTGCCACATCTGTGGCAAGGGCTTCATCACGCTTAGCAACCTCTCC
 AGGCATCTGAAGCTACACAGGGCATGGACTGA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** Sgfl-Mlul
- ACCN:** NM_001110329
- Insert Size:** 1503 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_001110329.1](#), [NP_001103799.1](#)

RefSeq Size: 2615 bp

RefSeq ORF: 1503 bp

Locus ID: 23877

UniProt ID: [Q9WTJ4](#)

Cytogenetics: 7 A1

Gene Summary: May be a transcriptional repressor of NRL function in photoreceptors. Does not repress CRX-mediated transactivation (By similarity).[UniProtKB/Swiss-Prot Function]
Transcript Variant: This variant (3) differs in the 5' UTR compared to variant 5. All seven variants encode the same protein.