

Product datasheet for **MC216982**

Fiz1 (NM_001110328) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Fiz1 (NM_001110328) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Fiz1
Synonyms:	A1790204; mFLJ00416
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >MC216982 representing NM_001110328
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCCGCGATCGCC

ATGGAAGACTCCTCGCTGCCTGTGGTTCCTGCCCCATCGCTGCTCCAGGACCAGCACCATCTGCCACTG
CGCTCGGGTCCCTTTCACTGTAGCGAATGTGGCAAGAGTTTCCGTTACCGATCAGACCTGAGGCGCCA
CTTTGCTCGACACACGGCTCTCAAGCCCCACGCATGTCTCGATGCGGTAAGGGCTTCAAGCATAGCTTC
AACTTGGTAACACCTGCGCTCACACTGGTGAACGACCTACCGATGCTCTGCCTGCCCTAAGGGAT
TCCGAGACTCCACTGGCCTGCTGCACCACCAGGTGGTCCACTGGTAAAAGCCCTACTGCTGTTTGGT
CTGTGAGTCCGCTTCTCTCTCGCTCCAGCCTGGGCGCCATCTCAAGCGGCAGCACCAGGGGCACACTT
CCCTCTCCCTGCAGCCTAGCCCCGGCTGCCTCCCTGAGCTCCCCCTGCTCAGTATGTTGCAACGTGG
GTCCTGTTCGGTTTGTGGAGGTGGAGGGTCCAGTGGAGGAGAGGGCCTGGAGGGAGCAGGAGCAACCAG
CTGGGACTGGCAGAGGCTGCAGCAGCCGCGGCAGCCTCGCTGCCCCATTTGCATGCGGTGCCTGTGCC
AGGCGTTTTGACCATGGCCGGGAGCTTGCAGCCACTGGCCGCACACACCGATGTGAAGCCATTCAAGT
GCCCTCGCTGTGAGCGCGACTTCAACGCACCTGCGCTGCTGGAACGCCACAAGCTCACTCATGACCTGCA
GGGAGCAATGCACCTCCAACGCAGTTTGGGCTCGGGTGGGGTCCGGAGGTGGCAGGAGAGGGAGAT
GCCTCAGAGGTGGGGGCCGCCCCCAGACTTGGGACGCGGGCTGCTCCTGAGCCCTACCGGGCAGGCG
TGCCCAAGCTGGAGGCATTGCTCCCGGGGACGAGGGCTCTGGGAATGACCAGGCTCCGGCTGCAGCAGC
CGAAGCATCTTCGGAAGACACTGTACCAGTGCAGTGCAGGACCTTCTTCGCATCTGCCCGGCTTTG
GCCAGCCATTTAGAGGCTCACTCAGGCCAGCCACTTATGGCTGTGGCCACTGCGGGGCGCTGTACGCAG
CGCTGGCTGCCCTGGAGGAGCATCGGCGTGCAAGCCATGGTGAAGGTAGCGGGAGGAGCAGCCCCGATGG
TGAGGGCAATCAGGCGGCTGGCGGGCCGGGACCCGGCTCCTCCAGCCGTAGCAAGAAGATCTTTGGCTGT
TCCGAATGTGAGAAGCTGTTCCGTTACCTCGAGACCTGAAAAGGCATGTGTTGGTCCATACCGGGGAAA
AGCCGTTCCCGTGCCTGGAGTGTGGCAAGTTCTTCCGCCACGAGTGTACCTCAAGCGTCAACCGGCTGT
GCATGGCAGAGCGGCCCTTCCCTGCCACATCTGTGGCAAGGGCTTCATCACGCTTAGCAACCTCTCC
AGGCATCTGAAGCTACACAGGGCATGGACTGA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: Sgfl-Mlul

ACCN: NM_001110328

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_001110328.1](#), [NP_001103798.1](#)

RefSeq Size: 2672 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 (1) differs in the 5' UTR compared to variant 5. All seven variants encode the same protein. Sequence Note: The RefSeq transcript and protein were derived from genomic sequence to make the sequence consistent with the reference genome assembly. The genomic coordinates used for the transcript record were based on alignments.