

Product datasheet for **MR222834**

Fiz1 (NM_011813) Mouse Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Fiz1 (NM_011813) Mouse Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Fiz1
Synonyms:	AI790204; mFLJ00416
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



[View online »](#)

ORF Nucleotide Sequence:

>MR222834 representing NM_011813
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGCATCGC**C

ATGGAAGACTCCTCGCTGCTGTGGTTCCTGCCCCATCGCTGCTCCAGGACCAGCACCATCTGCCACTG
 CGCTCGGGTCCCTTTCACTGTAGCGAATGTGGCAAGAGTTTCCGTTACCGATCAGACCTGAGGCGCCA
 CTTTGCTCGACACACGGCTCTCAAGCCACGATGTCTCGATGCGGTAAAGGGTTCAAGCATAGCTTC
 AACTTGGCTAACCACTGCGCTCACACTGGTGAACGACCTACCGATGCTCTGCCTGCCCTAAGGGAT
 TCCGAGACTCCACTGGCTGCTGCACCACAGGTGGTCCACTGGTGAAGGCCCTACTGCTGTTTGGT
 CTGTGAGTCCGCTTCTCTCGCTCCAGCTGGGCGGCATCTCAAGCGGCAGACCGGGGCACACTT
 CCCTCTCCCTGCAGCTAGCCCGGCCTGCCTCCCTGAGCTCCCTGCTCAGTATGTTGCAACGTGG
 GTCCCTGTTGCGTTTGTGGAGGTGGAGGTCCAGTGGAGGAGAGGGCCTGGAGGGAGCAGGACAACAG
 CTGGGACTGGCAGAGGTGCAGCAGCCGCGGCAGCTCGCTGCCCCATTTGCATGCGGTGCCTGTGCC
 AGGCGTTTTGACCATGGCCGGGAGCTTGCAGCCACTGGGCCGACACACCGATGTGAAGCCATTCAAGT
 GCCCTCGCTGTGAGCGCGACTTCAACGCACCTGCGCTGCTGGAACGCCACAAGCTCACTCATGACCTGCA
 GGGGAGCAATGCACCTCCAACGCAGTTTGGGCTCGGGTGGGGTCCGGAGGTGGCAGGAGAGGGAGAT
 GCCTCAGAGGTGGGGGCCGCCCCCAGACTTGGGACGCCGGGCTGCTCCTGAGCCCTACCGGGCAGGCG
 TGCCCAAGCTGGAGGCATTGCTCCCGGGGACGAGGGCTCTGGGAATGACCAGGCTCCGGCTGCAGCAGC
 CGAAGCATCTTCGGAAGACACTGTACAGTGCAGTGCAGGACCTTCTTCGCATCTGCCCCGCTTTG
 GCCAGCCATTTAGAGGCTCACTCAGGCCAGCCACTTATGGCTGTGGCCACTGCGGGCGCTGTACGCAG
 CGCTGGCTGCCCTGGAGGAGCATCGGCGTGCAAGCCATGGTGAAGGTAGCGGGAGGCAGCCCCGATGG
 TGAGGGCAATCAGGCGGCTGGCGGGCGGGACCGGCTCCTCCAGCCGTAGCAAGAAGATCTTTGGCTGT
 TCCGAATGTGAGAAGCTGTTCCGTTACCTCGAGACCTGGAAGGCATGTGTTGGTCCATACCGGGGAAA
 AGCCGTTCCCGTGCCTGGAGTGTGGCAAGTTCTTCCGCCACGAGTGCTACCTCAAGCGTCACCGGCTGCT
 GCATGGCAGAGCGGCCCTTCCCTGCCACATCTGTGGCAAGGGCTTCATCACGCTTAGCAACCTCTCC
 AGGCATCTGAAGTACACAGGGGCATGGAC

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>MR222834 representing NM_011813
 Red=Cloning site Green=Tags(s)

MEDSSLPVVPAPIAAPGPAPSATAPRVPFHCSECGKSFYRSDLRHFAHRTALKPHACPRCGKGFKHSF
 NLANHLRSHTGERPYRCSACPKGFRDSTGLLHHQVVHTGEKPYCCLVCELRFSSRSSLRHLKRQHRGTL
 PSPLQPSPLPPLSSPCSVCCNVGPCSVCGGGSSGGEGLEGAGATSWGLAEAAAAAASLPPFACGACA
 RRFDHGRELAHWAHTDVKPFKPCRERDFNAPALLERHKLTHDLQGSNAPPTQVWASGGGPEVAGEGD
 ASEVGAAPQTWDAGLLLSPAGVPKLEALLPGDEGSGNDQAPAAAAEASSEDLYQDCGTFASFAPAL
 ASHLEAHSGPATYGCCHGALYAALAEEHRRASHGEGSGEAPDGEQNQAAGGPGGSSRSKIFGC
 SECEKLFRRPRDLERHVLVHTGEKPFPCLECGKFFRHECYLKRHRLHGTERTFPFCHICGKGFITLSNLS
 RHLKLHRGMD

TRTRPLE**QKL**ISEEDLAANDILDYKDDDDKV

Chromatograms:

https://cdn.origene.com/chromatograms/mm9045_f05.zip

Restriction Sites:

SgfI-MluI

Cloning Scheme:


ACCN: NM_011813

ORF Size: 1500 bp

OTI Disclaimer: The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. [More info](#)

OTI Annotation: This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.

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.

Note: Plasmids are not sterile. For experiments where strict sterility is required, filtration with 0.22um filter is required.

RefSeq: [NM_011813.3](#), [NP_035943.3](#)

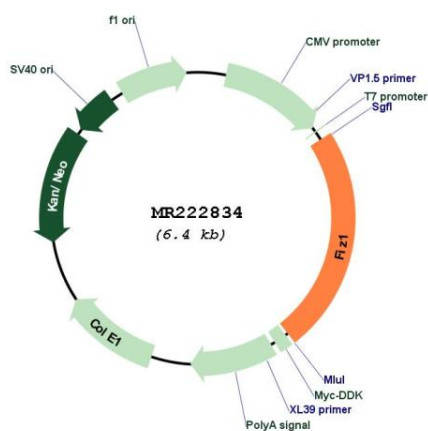
RefSeq Size: 2656 bp

RefSeq ORF: 1503 bp

Locus ID: 23877

UniProt ID: Q9WTJ4
Cytogenetics: 7 A1
MW: 53.1 kDa
Gene Summary: May be a transcriptional repressor of NRL function in photoreceptors. Does not repress CRX-mediated transactivation (By similarity).[UniProtKB/Swiss-Prot Function]

Product images:



Circular map for MR222834