

Product datasheet for **RG224773**

FIZ1 (NM_032836) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	FIZ1 (NM_032836) Human Tagged ORF Clone
Tag:	TurboGFP
Symbol:	FIZ1
Synonyms:	ZNF798
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)



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ORF Nucleotide Sequence:

>RG224773 representing NM_032836
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**GCGATCGCC**

ATGGATGACGTCCCCGCCCAACCCTGCACCAGCACCGCCCGCCGCTGCCGCCCCAGGGTCCCCTTTC
 ACTGCAGTGAATGTGGCAAGAGCTTCCGCTACCGCTCAGACCTGCGGCGCCACTTTGCCCGCACACAGC
 GCTCAAGCCCCACGCATGTCCGCGCTGCGGCAAGGGTTTCAAGCACAGCTTCAACCTAGCCAACCACCTG
 CGCTCGCACACCGGGGAGCGGCCCTACCGCTGCTCTGCCTGCCCAAGGGGTTCCGCGACTCCACCGGCC
 TGCTGCACCACAGGTGCTCCACTGGTGAACACCCTACTGCTGCCTGGTCTGCGAGCTCCGCTTCTC
 CTCACGCTCCAGCTGGGCGCCACCTCAAGCGCCAGCACCGTGGGGTTCTCCCTCTCCCTGCAGCCC
 GGCCTGGCTGCCCGCCTTGTAGTGCGCCCTGCTCCGCTGCTGCAATGTGGGGCCCTGCTCGTGTGCG
 GGGGCTCAGGGCCGGCGGGAGAGGGCCCCGAGGGGGCAGGCGCGGGTCTGGGCAGCTGGGGGCTGGC
 AGAGGCGGAGCTGCGGCGCGGCTCCTTGCCCCATTTGCGTGCGGCGCTGCGCGCGGCGCTTCGAC
 CACGGCCGCGAGCTGGCGGCCACTGGCGGGCGCACACCGACGTGAAGCCCTTAAAGTGCCCGCGCTGCG
 AGCGCGACTTCAACGCGCCCGCGCTGCTGGAGCGGCACAAGCTGACCCACGACCTGCAGGGCCCCGGGCGC
 GCCCCAGCGCAAGCCTGGGCGCGGGGCCAGGCGCAGGGCCCCGAGACGGCGGGCGAAGGCACCGCTGCG
 GAGGCGGGCGACGCTCCTCTGGCTTCGGACCGCAGGCTGCTCCTGGGCCCGCGGGGGCGGCGTGCCCA
 AGCTCGGGGGGCTGCTCCCCGAGGGCGGTGGGGAGGCGCTGCACCTGCGGCGGGCCCGGAGCCCTCGGA
 AGACACCTGTACAGTGCAGCTGCGGGACCTTTTGCCTGCGCCGCGGCCCTGGCCAGTACCTGGAG
 GCCACTCGGGCCCGCCACCTACGGCTGCGGCCACTGCGGGGCTCTGTACGCGGCGCTGGCCGCCTTGG
 AGGAGCACCGGGGTCAGCCACGGTGAAGGGCGGGGAGGAGGCGGGCGGCCCGCCGGGAAAGGGA
 ACCGGCGTCCGGGAACCCCGTCTGGCTCCGGCCGCGCAAGAAGATCTTCGGCTGCTCCGAGTGCAGAG
 AAGCTGTTCCGCTCACCGCAGACCTGGAGCGGCACGTGCTGGTGCACACTGGCGAGAAGCCGTTCCCGT
 GCCTGGAGTGCAGCAAGTTCTTCCGCCACGAGTGTACCTCAAGCGCCACCGGCTGCTGCACGGCACCGA
 GCGGCCCTTCCCTTGCCACATCTGCGGCAAGGGCTTCATCACGCTCAGCAACCTCTCCAGGCACCTGAAG
 CTGCACCGGGCATGGAC

ACGCGTACGCGGCGCTCGAG - GFP Tag - GTTTAA

Protein Sequence:

>RG224773 representing NM_032836
 Red=Cloning site Green=Tags(s)

MDDVPAPTPAPAPAAAAAPRVPHCSECGKSFYRSDLRHRHFARHTALKPHACPRCGKGFKHSFNLANHL
 RSHTGERPYRCSACPKGFRDSTGLLHHQVVHTGEKPYCCLVCELRFSSRSSLGRHLKRQHRGVLPSPLQP
 GPGLPALSAPCSVCCNVGPCSVCSSGAGGGEGPEGAGAGLGSWGLAEAAAAAASLPPFACGACARRFD
 HGRELAAHWAAHTDVKPFKPCRERDFNAPALLERHKLTHDLQPGAPPAQAWAAGPGAGPETAGEGTAA
 EAGDAPLASDRRLLLGPAGGGVPKLGGLLPEGGGEAPAPAAAAEPSEDTLYQDCGTFFAAAAASHLE
 AHSGPATYCGHCGALYAALAEHRRVSHGEGGEEAAAAAREPESGPPSGSRGKKIFGCSECE
 KLFRSPRDLERHVLVHTGEKPFPCLECGKFFRHECYLKRHRLHGTERTFPFCHICGKGFITLSNLSRHLK
 LHRGMD

TRTRPLE - GFP Tag - V

Restriction Sites:

Sgfl-MluI

Cloning Scheme:


ACCN: NM_032836

ORF Size: 1488 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.

RefSeq: [NM_032836.1](#), [NP_116225.1](#)

RefSeq Size: 2651 bp

RefSeq ORF: 1491 bp

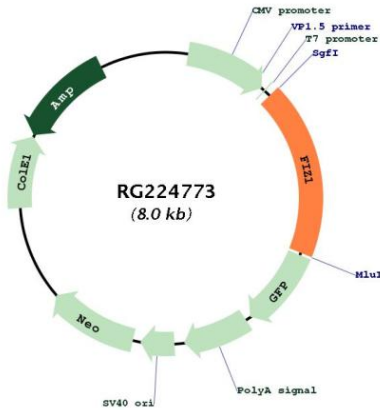
Locus ID: 84922

UniProt ID: [Q96SL8](#)

Cytogenetics: 19q13.42

Gene Summary:

This gene encodes zinc finger protein, which interacts with a receptor tyrosine kinase involved in the regulation of hematopoietic and lymphoid cells. This gene product also interacts with a transcription factor that regulates the expression of rod-specific genes in retina. [provided by RefSeq, Jul 2008]

Product images:


Circular map for RG224773