

Product datasheet for **MR224762**

Zfp953 (NM_001038651) Mouse Tagged ORF Clone

Product data:

Product Type: Expression Plasmids
Product Name: Zfp953 (NM_001038651) Mouse Tagged ORF Clone
Tag: Myc-DDK
Symbol: Zfp953
Synonyms: E130120F12Rik
Mammalian Cell Selection: Neomycin
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
ORF Nucleotide Sequence: >MR224762 representing NM_001038651
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGGAGGATATGCTGTCATTCTGGGATGTCGTAATATATTTCTCTGCAGAAGAGTGGAATACCTGGGTC
CTGCTCAGTGGAATTATACAGGGATGTGACATTGGAGAATTACAACAACCTTTGTTTTCTGGATCTTGT
TTCCTCTACGCCATACCTGGTCAGATTTCTGGAGCAAATACAAGAGCCTTCAGATGTGAAGAGTCAAGCA
GACATCTCTATGTACTCAGGGGGAAAATGCTATACGTGCAAAGAATGTGGCAACATCTTTGTGGGAAAG
AAGTATTTCAAAATCATCTGATAATTCATTTAGGAGGGAAGCCCTACAAGTGTGAAGAATGTGGCAAGTC
CTCCGTTTTCCATCATTACTTTCTCAACACAACTAATTCATACAGGAGAAAAACCTACAAGTGTGAA
ACATGTAATAGGCGCTTCCATGTTCCATCAAACTTTTTCAACATAAAATAATTCACACAAAAGCAAAAC
TCTACAAGTGTGAAGTATGTGGCAAGGCTTTCAATTATTCATCAAGACTTTTACACCATAGGACAATTCA
TACAGGAGAGAAACCATAACAAGTGTGAAGTCTGTGAAAGGCCTTCCACTTTCACCATCACTTTATCAA
CACATGGGAATTCATACAGGAGAGAAACCCTGCAAGTGTGATAAATGTGGCAAGGCTTCCGCTTTCCAT
CATTACTTTTAAAACACAAGATAAGTCATAACCAAAAAACCTACAAGTGTAAAATATGTGGAGATTT
CCTCCGCTCTCAATCATCACTTCATGAACACAAGTTAATGCATAAAGGAGAGAACTCTATAAGTGTGAT
GTATGTGGCAAGGCTTTCGAATATCCATCAAGACTTTCAAACATAAGAAAATTCATACAAGAGAGAAAC
CA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



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Protein Sequence: >MR224762 representing NM_001038651
Red=Cloning site Green=Tags(s)

MEDMLSFWDVVIYFSAEEWEYLGAQWKLYRDVLTENYNNFVFLDLVSSTPYLVRFLEQIQEPSDVKSQA
DISMYSGGKCYTCKEIGNIFVKGVEFQNHIIHLGGKPYKCEECGKSFRFPSSLQHKLIHTGEKPYKCE
TCNRAFHVPSKLFQHKIHTKAKLYKCEVCGKAFNYSSRLLHHRTIHTGEKPYKCEVCGKAFHSSPSLYQ
HMGIIHTGEKPKCDKCGKAFRFPSSLKHKIISHTNQKPYKCKICGDFLRSQSSLHEHKLMMHKGEKLYKCD
VCGKAFEYPSRLSKHKIHTREKP

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites: SgfI-MluI

Cloning Scheme:

Cloning sites used for ORF Shuttling:



ACCN: NM_001038651

ORF Size: 912 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_001038651.3](#), [NP_001033740.1](#)

RefSeq Size: 4641 bp

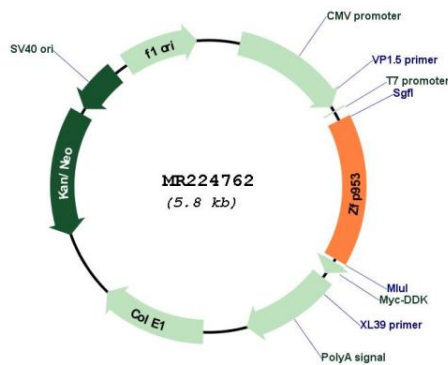
RefSeq ORF: 915 bp

Locus ID: 629016

Cytogenetics: 13 B3

MW: 35.4 kDa

Product images:



Circular map for MR224762